Sadef 1982-1984
see p 4a

1984

Pearson, O. P.

1984 (Spring)

catalogue

#7162 - #~~7216~~ 7229

Argentina

Pearson
1984

1

Catalog

11km NNE outlet Lago Malmal Hondo, Neuquen

April 22

items with scars; mammary tissue

7162 ♀ Rattus rattus 218 × 77 × 31½ × 26 79g.

items with scars.

7163 ♀ Akodon longipilis 169 × 65 × 23 × 15½ 32g.

April 24

caught Apr. 21, killed April 24.

7164 ♂ Oligoryzomys sp. 254 × 67 × 32 × 6 195g. T9, SVL? may thin not reading

12km W Bariloche, Rio Negro

May 4

lactating

7165 ♀ Eligmodontia 163 × 80 × 22 × 16 23g.

7166 ♂ " 142 × 65 × 23 × 15 15g. T3mm white

7167 ♂ " 160 × 80 × 21 × 15 17g. T2mm

7168 ♀ " 152 × 76 × 22 × 15 16g. nullips.

7169 ♂ Akodon olivaceus. 155 × 76 × 22 × 14 18g. T5, part ochre

7170 ♂ " " 149 × 64 × 21 × 13 15g. T4mm

7171 ♀ Oligoryzomys longicaudatus 210 × 70 × 34 × 5 118g. nullips.

7172 ♂ Akodon olivaceus. 138 × 66 × 24 × 16 14g. T3 white

7173 ♀ " " 147 × 62 × 22 × 15 13g. nullips; ut. scars

7174 ♀ " " 162 × 72 × ~~24~~ × 15 18g. parous

7175 ♂ Akodon pantholchinus? 139 × 57 × 21 × 15 14g. T4mm.

7176 ♂ Eligmodontia 161 × 81 × 24 × 17 15g. T3mm.

7177 ♂ " 154 × 73 × 22 × 15 13g. T4mm.

7179 Oligoryzomys
7180 "

7175 + 7177 saved for MVZ; ~~others~~ to INVAP

Cerro Zonda, 15km ENE Bariloche, Rio Negro

May 5

INVAP should only

7181 Euneomys sp. In owl pellet picked up April 22. Complete pellet with fur etc, bone recent

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2

4 km N Bridge over Collon Cura, Neuquen

mag 9

7182	Elaphrodontia	205 × 111 × 26 × 19	21½ g	Testes = ½ pinhead SV 3 mm
7183	Phyllotis darwini	243 × 115 × 29 × 27	58 g.	

7 km N Bridge over Collon Cura, Neuquen

7184	♂ Elaphrodontia	172 × 93 × 23 × 19½	20 g.	T4 SV3 post-grading
7185	♂ Phyllotis darwini	219 × 109 × 28 × 28	45 g.	T5, SV3, testis yellow, post-bud
7186	Elaphrodontia	see Pearson catalog		
7187	"	"	"	"
7188	"	"	"	"

7 km N Bridge over Rio Collon Cura, Neuquen

7189	♂ Abrothrix inusitatus	[167] × [60] × 22 × 13½	27 g	T5 flabby SV5

7 km N Bridge over Rio Collon Cura

7190	♂ Elaphrodontia	185 × 102 × 23 × 18	16 g.	T. 4 post comp.
7191	♂ "	169 × 88 × 22 × 18	15½ g.	T: 4
7192	♂ "	157 × 83 × 22 × 16½	12 g.	T: 3

~~4 km~~ mag 10

7193	♀ "	175 × 93 × 23 × 18	15 g.	nullip. with uterine scars
7194	♀ "	187 × 91 × 24 × 18	21	

2 km N Bridge over Rio Collón Cura

7195	♀ Abrothrix inusitatus	[158] × [58] × 21 × 13	30 g	caught mag 9 during day uterus with scars

6 km WSW WNW Coyallo, Rio Negro

mag 15

7196	♂ Phyllotis	233 × 119 × 30 × 27	48 g	testes 4 mm.

Campo Fistulados, INTA, Piltriquitron Viejo

7197	♂ Elaphrodontia	162 × 79 × 23 × 16	17 g.	testis < 3 mm.
7198	♀ "	146 × 75 × 22 × 15	12½ g.	nullip.

to INTA

8 km WSW Emolla, Rio Negro

may 18

caught may 15

7199 ♂ Phyllotis darwini 224 × 107 × 27 × 26 46 g. testes small

collected may 16

7200 Lestodelphis? (from owl pellet)

7201 " " " "

7202 " " " "

7203 " " " "

7204 " " " "

7205 " " " "

7206 " " " " (pelvis and leg bones only)

7207 " " " " " " "

7208 Abrothrix longipilis " " "

Cerro Leones, 15 km ENE Bariloche, Rio Negro

may 22

7209 ♀ Abrothrix ? longipilis ? 155 × 61 × 21 × 14 25 g. uterus with scars.

7210 ♀ Abrothrix hirta 153 × 58 × 21 × 16 19½ g. uterus thick, vascular.

7211 ♀ Eligmodontia 168 × 80 × 22 × 16 19 g. uterus thick, no scars, pelvis open

7212 ♂ Abrothrix hirta 138 × 51 × 20 × 14 16½ g. testes 4 mm globby.

may 23

7213 ♂ Eligmodontia Abrothrix hirta 149 × ~~138~~ × 73 × 22 × 15 14 g testes 2½ white uterus thin

7214 ♀ " 152 × 76 × 22½ × 14 15 g. no scars.

7215 ♂ " 150 × 71 × 23 × 14½ 19½ g. testes 2½, white. much fat.

7216 ♂ " 155 × 77 × 23 × 15 16½ g " " " "

Pearson, O.P.

1984 (Spring)

Journal

(index)

Species Accts.

Argentina

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argentina.

apr. 20 arrived Bariloche 2 p.m. Sunny, about 15° C. Poplars mostly over, willows just turning, Rosa mosqueta with red fruits. The plane did a loop up Lago Traful, then across to Villa Angostura, then back down Lake Nahuel Huapi to land toward the east. None of this higher than Cullin mauguo ~~mountains~~. No snow on them, the land not very colorful. Lots of open grass and bare on top of Cullin Mauguo. There are more houses near Villa Angostura than you realize from the road. The trees and grass quite dead-looking.

April 21. Javier Perez Calvo came by. Says his also longi on trap lines, have ranges of 100 to 150 m. Rapoport is teaching biogeography at the university, Felipe Valverde still "flying". Got car running (battery dead) and took off at 2:30 for Limay Valley. Stopped at the place where we found the dead huróns and trapped for two last fall; set 6 steel traps there in what looked like old teco holes. Some of them ~~were~~ plugged with cut grass; no fresh earth. Rat/huron droppings. Then drove down the valley to the Rio Cullen Mauguo, took photos & Alicura Reservoir is filled.

Then drove back to the teco traps at 6:45 p.m. One teco in the last trap, alive. Squealed chirped and squealed rather than grunted. Not hoigi. The vegetation is bunch grass, small composites (Senecio), a few neneo,

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Camped by the Limay River near La Lipela. Saw good, active leaf-cutter ants between the hanging bridge and La Lipela. They were carrying green leaves.

April 22 Sunday Easter night started out clear clear, then partly cloudy; no wind. Heavy frost on car and sleeping bag. Started out at 7 a.m. Car barely started.

Picked up the 6 steel traps at 9 a.m.: 1 alco longi and 1 Rattledon. The latter was entering the burrow from which I removed the two yesterday evening.

This locality is on the west side of the road from Bariloche to Confluencia, a few hundred meters north of the entrance to a fancy new house (Belgian owner of the estancia?), or 6.8 km north of the gate to Est. Fortin Chacabuco, or 9.5 km north of the road junction to Villa Angostura. This same locality was called 10 km NNE Nahuel Huapi Dec. 10, 1953.

Then drove back toward Bariloche to where the new gas pipeline is being buried. Beautiful bulldozed strip across the steppe; goes south of Cerro Goyer and then across Est. San Ramón toward Vilcamyen. Will try to find out if they are still bulldozing to the east.

Picked up about 3 qtr of new pellets of Cerro Goyer.

April 23 Bariloche. Javier Perez Echo came last night with data from his trapping on Cerro Otto. numerous recaptures of Echo, Longi, some >100 m. Also a few captures of Auliscomys and Oligoryzomys and maybe Geoxus.

Did errands around town. An engineer with Gas del Estado

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Owl pellets from Cerro Jaguar, April 22, 1984

Entire pellets:

1. 1 yg ad. aulisco sp
   1 abo longi
2. 1 abo pantho
3. 1 ad. aulisco
4. 2 Oryz
5. 3 abo longi
6. 1 Oryz
   2 abo longi
7. 1 juv Reithro
8. 1 old aulisco
   1 baby akodon sp.
9. 2 Eligmo (1 ad, 1 old)
   1 abo longi
10. 1 oryz
    1 old aulisco
11. 2 yg ad aulisco
    1 juv. Rattus
12. 1 old aulisco
13. 1 Sigmodon sp
14. 1 young Reithro
    1 ad aulisco
15. 1 abo longi
16. 2 juv Reithro
    2 abo longi (1 very old)
    2 Oryz
17. 2 abo longi
    1 Eligmo
    4 Oryz
    1 yg/ad Reithro
18. 2 Oryz.
19. 2 ad aulisco
20. 1 Oryz.
21. 1 yg Reithro
    1 ad aulisco
22. 1 oryz
    1 abo longi
23. 1 ad aulisco
    1 juv. aulisco
24. 1 abo longi
25. 1 abo longi.
26. 2 abo longi
    1 juv Reithro
27. 1 Eligmo
    1 abo longi
    2 juv. aulisco
28. 1 yg Reithro
    1 abo longi
29. 1 old aulisco
    1 abo longi
    2 Oryz
30. 2 abo longi
31. 1 Oryz
    1 abo pantho
32. 1 ad Reithro
33. 3 abo longi
    1 abo pantho
34. 1 ad aulisco
[35] no skull
[37] no skull.
38. 1 juv Reithro
    1 abo longi
39. 2 Eligmo
    1 abo longi
40. 1 juv Reithro
41. 2 oryz
    1 abo longi
    1 juv. Reithro
42. 1 abo longi
43. 2 abo longi
    1 old aulisco
44. 1 abo longi
    1 chelemys
45. 1 Oryz
    2 abo longi
46. 1 abo longi (small pellet)
    1 ad. aulisco.
47. 1 abo longi
    1 ad Eumeotmys sp
48. 1 abo longi
    1 oryz
49. 1 abo longi
    1 Eligmo (old)
50. 2 juv. Reithro
    1 mus
51. 2 abo longi.

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Owl Pellets from Cave Bones (cont.)

52 2 abo longi
1 abo longi old
53 1 oryz ad
1 aulisco juv.
[54] no skull
55 1 oryz
1 abo longi
56 2 aulisco (1 old, 1 oryz)
2 abo longi (1 old 1 oryz ad).
57 1 aulisco juv
2 abo longi (1 ad, 1 old)
58 2 aulisco (1 ad, 1 juv)
59 2 juv aulisco
1 oryz
1 abo longi
60 2 abo fantho (Pellet very small)
61 1 abo longi ad.
1 oryz ad
1 Eligmo old
1 aulisco ad.
62 1 ad aulisco
63 1 ad Oryzomys
64 1 oryz ad aulisco
65 1 oryz old
1 aulisco oryz ad.
1 Geomys
66 1 abo longi ad. (small pellet)
67 1 old aulisco
68 1 ad. aulisco
[69] no skull
1 Eligmo
70 1 abo longi
71 1 Oryzomys.
72 1 Oryz.
73 1 aulisco ad.

Partial Pellets

aulisco oryz ++++ ++++ | = 11	
abo longi ++++ ++++ || = 12	
abo fantho ++++ |	6
Oryz ++++ |||	8
Eligmo ||	2
Rattus |||	3
Geomys |	1
	(43)

Total of complete pellets:

aulisco	35
abo longi	52
Oryzomys	29
Eligmo	9
Rattus	14
Geomys	1
Rattus	1
Peromys	1
Chelemys	1
Eumeops	1
mus	1
	Σ 145

says that bulldozing is completed between here and Pilaniyeu than Paso de Flores, but that it is still going on along the Collón Cura. Michael Chrestia returned today via the Collón Cura and saw bulldozers in several places and followed one, briefly, looking for animals. Didn't notice Chimangos.

april 24 Tuesday Bariloche. Temp this morning -5°C, met Sigfrido Rubulis on the street. He says that last summer there were some patches of bamboo flowering at Lago Jacob (near Refugio Jacob). Ex-ed of INTA were Susan and Steve Bonino and a new girl Nora working on diet of Elk and Guanaco and sheep. One of their people said that the Electricity Coop is going to run a high tension line from Alicura to INVAP to Bariloche. Want to see a technical man at the Coop who said they have not learned yet when the work will start. He is going to meet with the contractor Friday morning.

met Dicky Ojeda and 9 others on the sidewalk, all here for the Natural Parks workshop. One person from the local Parques Intendencia doesn't believe that the mice increase following the flowering of the bamboo; instead, the mice just become more visible!

april 25. Left Bariloche at 9:30 to follow bulldozers along the Collón Cura, just before Valle Hermoso saw a road scraper scraping a nice stand of bamboo, nalca, and berry (Saúco?). He was being attended by about 20 Chimangos. Followed him for about 300 yards

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and saw nothing. He even dug out a couple of big clumps of Espina negra - still nothing. Didn't see the chuncos eat anything big, maybe worms or bugs?

Then stopped at the two plane II bsm NNE of the outlet of valued Huefi. There are two diggings also across the highway x Bulldozers were working in the Colon Cura Valley. The bulldozing part of the gas pipeline seems to be all done from the lower part of the Colon Cura Valley all the way to the divide between Sa Rimonda and junin de los andes (where I am camped between the road and pipeline ditch x One of the engineers said that they are progressing about 1 Km per day down the Colon Cura Valley. I stopped near the Word's Estancia and walked about 200 m of ditch looking for animals in it - nothing clear all day, windy, Camped on the divide between Sa Rimonda and junin de los andes (which is almost junin).

April 26 Night clear, cold, breezy. Drove through junin to San Martin. A smaller pipeline is being installed here also and is almost completed. Then up the hill towards Villa angostura. Numerous stops for photos (gorgeous autumn leaves). At several stops out of San Martin there were two diggings; heard none. Sunny all day. Camped at Soyo Falkner. Most of

Recorder
1984

the slopes from San Martin to here have little or no N. dombeyi (coihue).

April 27 Night clear. Tent in car froze almost solid. Battery down again, car wouldn't start. Three burlys came by about 9:30 and pushed. Drove slowly south to Villa Angostura (4:30 p.m.) with many stops for photos. Am impressed again with the abundance of ñire and lenga compared to coihue. Good estratification visible by colors at this time, ie between Falkner and Lahri Traful x Bariloche 7 p.m. Picked up 2 hitchhikers, Nora? and Pocho, who are tour guides and know everybody in Parques etc. A few Berberis darwinii in bloom.

April 28 Yellow jackets cleared shacks on the balcony while I was away. They are still flying. New snow on Cerro Lopez. Went up to Refugio Vanneyer (almost) in the afternoon (sunny all day, no clouds). All sorts of wood-cutters removing dead stuff including at least 4 city of Bariloche big dump trucks making several trips with firewood. Autumn colors just right.

April 29 Challhuaco in the morning to photo lenga along the first part of the road. ~~A ranger~~ superintendent says the municipality is running the project to gather firewood for "the hinchidas". Four big dump trucks packed with workers went up the road. They are "cleaning up" wood within 100 m of the road.

In the afternoon had tea with the Rapaports, then with Hilda Rumbal and Terry Wesley. He is fixing up a weekend house across the Limay at La Lipela, approachable by rowboat.

april 30 Barinas. Rain all day. Still no cedula at the Registro Civil. Never Bueno and a CONICET becario Adrián Monjeau came by at 5:30, Adrian worked with Kravetz and with the Zapotosa chicas. He knew Dr. Vanzano and had hiked and camped in the Glacar Esperanza-Rio Turbio region where the nice progeri in the glacier were seen by Vanzano. a hippy type living in a cabin in the area knew about the mice also but apparently didn't know an exact location. Adrián is going to study mouse populations in the state of Campo Alegre in Bolivia and left his study plans for me to look over. Then at 9:30 Michael Christie came with Elder Pedersen. She is helping with the collating of data in the vertebrate inventory.

may 1 Fiesta, cloudy. new snow on mountains. Felipe Valverde came to discuss his Alcedor project.

may 2 Raing all day. Drove to the Colón Cura Valley. Willows bright yellow along the Limay. The bulldozers are working 13 km above the little house in the willows, not much progress since last week. They were working in a sparse, sterile wheat field. I watched for about 10 minutes; nothing, no chimango. They have 5 more km of wheat field to go, then 8 km of fairly good habitat. The man still says about 1 km per day. They had unearthed an Indian clay pot (broken) about 5 gls.

Looked for petals under the cliff near the

bridge over the Cuyama. Found only two fresh old pellets, but still lots of bones lying on the ground. Picked up 4 microtus, 4 neotoma, 3 Phyllotis, and some unfamiliar rhodon and 2 ? Colomys ? Dinner with Christie.

May 3 INTA in morning. Took Elaphe MS to Simon & Jones, and discussed mouse project with Adrian Monjeau. In afternoon put 32 MS and 32 Shermans in the "steppe" habitat of the race track 12 km west of town (with Ellen Pedersen). She & Christie will pick them up tomorrow. Day mostly cloudy and cold windy.

May 4 Cloudy, some drizzle, then rain. The traps (32 MS and 32 Shermans) held 6 Elaphe, 2 Oryz, 5 abo olivaceus, and 1 abo ? olivaceus ? plus 1 Cteonomys in the 1 macabee. 5 of the 14 mice were in Shermans (some of each). Lots of sprung MS. Short day shining, then to Hilda's to see about taking Samba to Wood's.

May 5 Barloche. Cold, clear all day. Went down to Confluencia. Saw Peleds cross the road near Lipeta, about 10 Condors over Tchuel Malal. Picked up about 2 quarts of large pellets at the Tchuel Malal cliff, mostly under the Molle tree at the base of the cliff. Didn't pick up any loose bones; everything with fur. Saw a few cold yellow jackets along the Limay.

May 6 Barloche. Drove Hilda and Samba to the Wood's at La Reconada. Bulldozers and roadcrafts were

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horned owl pellets from Tabuel malaf
morocco

Complete pellets

(1) 1 Oryzomys ad.

(2) 2 Oryz.
1 Abo olivs.
1 Abo pantha

(3) 3 Oryzomys.

(4) 1 Abo longi
1 Sciurus adult

(5) 1 Sciurus ad.
1 Eliomys sic

(6) 1 yg ad Rattus

(7) 1 Dremomys
1 Sciurus old.

(8) 4 Oryz.

(9) 1 old Sciurus

(10) 1 Oryz
2 birds
1 old Sciurus

(11) 1 ad Oryz.

(12) 1 old Oryz
1 old Abo longi

(13) 1 Oryz.
1 old Rattus

(14) 1 Dremomys.
2 Abo longi
1 Oryz

(15) 1 ad Oryz
1 old Abo longi

(16) 1 yg ad Rattus

(17) 1 old old Abo longi

(18) 2 juv. Rattus
1 old old Oryz.

(19) 1 ad Sciurus

(20) 1 Dremomys ad

(21) 1 old old Sciurus

(22) 1 Oryz
1 Eliomys

(23) 1 juv Sciurus

(24) 1 Oryz

(25) 1 Oryz

(26) 1 old old Abo longi
1 old Abo longi

(27) 1 old Oryz.

(28) 1 Eliomys

(29) 1 ad. Sciurus

(30) 1 ad Dremomys.

(31) 1 Oryz.

(32) 1 old old Sciurus
1 ad Sciurus
) not a big pellet!

(33) 1 Abo longi

(34) 1 yg ad Abo longi

(35) 1 old old Sciurus

(36) 1 Abo pantha

(37) 1 old Rattus.
1 yg ad Abo longi

(38) 1 old Oryz

(39) 1 ad. Rattus

(40) 2 old Sciurus

(41) 1 ad Sciurus

(42) 1 old Oryz.

(43) 1 old old Sciurus

(44) 3 Abo longi (1 ad, 2 old)
1 Sciurus adult

(45) 2 ad Oryzo.

(46) 1 yg Rattus

(47) 1 yg Abo longi
1 juv Rattus

(48) 1 old Sciurus
1 ad Oryzo

[49] no skull

(50) 1 ad Abo longi

[51] no skull

(52) 1 ad Sciurus

Pearson
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owl pellets from Tahuel malal may 5 (cont.)

complete pellets:		TOTAL	partial pellets:
auliscomys	19	24	||| |||
abrolanji	13	17	||||
Oryzomys	27	33	|||	
Reithrodon	9	14	|||
abrodon fontho	2	3	1
Irenomys	4	4	
chelemys		1	1
Bird	2	3	1
abro oliv.	1	1	
Elapso	3	3	
		108	

note no tucoa, note Elapso

working in good habitat 3.6 km above the Cobb house in the willows. Followed the scraper making a fresh cut in bunchgrass/weeds for about 100 yards. Nothing. The driver said he sees a couple of bears per day.

Jim Vaad showed me his almond orchard with lots of mouse-nibbled almonds under the trees, up in the trees, and in the weeds away from the trees. He sees mice in the daytime up in the trees, also a chunky mouse on the ground. Part of his problem is that he fertilized the trees and this caused a heavy roll of weeds such as sweet clover (no grazing in the orchard). He does not seem to have tree-tears. Does have deer. Met the son Walter and daughter-in-law Jane, both civil engineers. Day mostly sunny, drizzly in evening.

may 7 Barbara. mostly deer, windy. Javier Quintero came to talk about his theses problem - anyway. Does it seem to have made much progress, and do I think my suggestion for measuring biomass of the rhyzomes was practical because he doesn't have a team to help him nor transport!

may 9 To Colby Cuva with Ellen Pedersen. Stopped at the two place 7 km beyond the Fort Bidwell gate and found another!! Spotted Galactia there, 15 km of the Colby Cuva the rosebushes were mixed in a mallin. One of the men, who seemed to be a good informant, said

they had recently cut through an ant nest (leaf-cutter) and that down below the nest was a 1½ meter snake. the ants not impressed with number of mice removed.

We stopped at 8.5 km by road = 9 km N. about the bridge, where there is a rocky knoll, and put traps out among the rocks and across the desert, which is quite sandy and contains cola de pelo, alvarezilla, Sciurus nebulosus, beecheyi, Sciurus variegatoides, and (nearby) mesta toreida! just like the comalla bajada. I put 18 Sherman and 25 HS; Ellen put 19 Sherman and 32 HS.

Then drove down to the owl cliffs where I put 7 steel traps for guinea pigs in sandy hummocks with big Sciurus nebulosus, between the road and the river. Lots of digging, carnivore tracks, a few big rodent tracks, but no carnivore droppings. also about 6 HS. Then put 15 cage traps along the bottom of the owl cliff and a spring at the NW end of the cliff. Saw marmosa-like droppings there. Ellen put 20 HS and 19 Sherman.

Camped out in the flats among big Sciurus. Put 6 more traps in a rock outcrop around camp.

may 9 Night clear, calm, no frost. The 6 traps around camp held 2 big Phyllotis (one of them giving birth) and one big pale Eligmodontia at the cliff (2 km N), 1 marmosa and 1 Phyllotis. across the road in steel traps 1 Abo. sinuosus. In the rocks and

desert at 7 km were 5 Eligma and 1 Phyllotis. Stopped at the little house in the willows to photo; the desert there was full of mouse tracks, probably Eligma. Not as many tracks at 7 km. Shrimp and rebaited same 2 lines.

may 10 Camped at Colca Cura (site of Salsa). night clear, calm. Water jug froze partially. my line in the desert at 7 km N (+ rocks) caught only 1 Eligma. Ellen's line caught 3 Eligma. Small fish with very large black tail tips was competing with shrimps, corixas, aquatic bug, and black vultures for a rabbit at about 20 km N of the bridge.

my line at the base of the cliff (2 km N) and around the spring (Sareia subulatus) caught nothing. across the road in sandy " " only one bird in the 7 steel traps and 6 or 8 M.S. Ellen's line had a Furnariid, cinclodes like with spiny tail.

The roadscraper was still mired in the morning, but they pulled it out at noon, but apparently needed repairs and was not going to work today. Various drivers agree that they don't see many animals. One said the sandy areas were best.

Home at 2 pm and funeral observing. I was impressed at how much the vegetation of the lower Colca Cura is like the Condo Cajeda: Sareia subulatus, Eligmaga integer, nanea, Stipa, Sapium (only a few). Also a few very stout Ephedra and a very stout Colletia. The Eligma are pale and long-tailed, the Akodon similar bigger than boulboriuus. The

marmosa was very fat-tailed. It might have been too old to catch many marmosa; surely that spiny surrounded by bushes at km 2 would be a good place for them. I could find no trace of guinea pigs.

may 11 Variable, can being served. Sunny. Froze at night.

may 12 I accumulated. Dinner last night with Gallopins. Reig has accepted Directorship of the museum in B.A. Is planning to support a corp of researchers via CONICET. Sunny all day. Drove to the 3 may hanging bridge. 3 squashed hares, (more than on previous trips). Saw 16 guanacos at 10km NNE Valle Hermoso.

14
may 13 Morning clear, cool, windy. Left with Adrian Monjeau for Campo Arena. Talked briefly with Don Juan, then looked at the enclosures and the grids all about same. Then drove to the Canada Bajada and put 11 cage traps at the two rocky places for Phyllotis and Eligmodontia. Ramon, the puestero there, says he hears owls at night but doesn't know where they roost.

Then put 4 lines of traps at the NE corner of the INTA property. Adrian and I each put a line of 20 (alternating Sherman and MS) in the Campo Fisiculada, which hasn't been grazed for a year or more (Don Juan) and is probably the last-grazed part of INTA (Bonino). Also lines of 20 each in the Campo Antiguo just across the fence. Bonino says heavily grazed. It does look a little sparser, less tall Festuca. Both are essentially Stipa / mixed with a smattering of Senecio + adesmia.

Then drove to Cañadon Bonito and set two transects; one down the hill and across the clearcuts (adrian) and one down the hill and across the grazed mallin (mine). clear cold & windy. Camped next to the clearcuts.

May 15 night mostly windy, partly clear, no ice. Since in the Cañadon Bonito: adrian caught nothing on the rocky knoll with 15 traps. His 33? traps down the hill and across the double-exclosure mallin caught 2 abo longic in the dense grass of the mallin (plus hare droppings) and in the steppe (said 1 abo bonilla and 2 Eligmo. My line of about 30 down the hill and across the grazed mallin (but still considerable cover) caught 2 Eligmo in steppe vegetation and 1 in the first trap into the mallin.

In the Campo Fistulados A, adrian caught 4 Eligmo and 1 Eligmo in the adjacent grazed Campo antiguo. I caught 7 Eligmo in the Campo Fistulosa and 2 in the antiguo (one of these might have been an abo bonilla but it escaped. In the rocks at Ramón's Puesto, the 6 cage traps had 1 Eligmo and 2 Phyllotis. In the rocks farther east, the 6 cages had 2 Phyllotis. One of the cages with a Phyllotis in it had been rolled downhill about 2 meters and a horned owl was attacking it. I didn't want to leave it, and flew off only 20 m and watched while we released these 2 Phyllotis. They were very hungry and immediately started eating rolled oats tossed under their rocks. a chimango pestered the owl briefly.

Skinned all day and then checked traps. Nothing at Campo

Fistuladas nor Campo Antiquéo at Camden Bonito
I also pantla in my line (steppe vegetation) and
1 furnariid bird. In Adrian's line I also Lorij in
the mallin Clausura.

Sprinkled rain in the afternoon. Evening mostly
cloudy, no wind. Trees singing near the mallín,

May 16 Camden Bonito. Night cloudy, little wind, no ice, my line ~~[illegible]~~
crossing the grazed mallín caught 2 Elegnus (on the hillside).
Adrian's crossing the ungrazed mallín caught 1 Adelomyia
and 1 also Lorij in the mallín and 4 ~~[illegible]~~ Elegnus on the
steppe. Heard Clarinets in the evening (6 pm) after the wind
had died down. Saw a dozen rheas in the mallín upstream.
my line in the Campo Fistuladas caught 3 Elegnus and
1 also pantla, and in Campo antiquéo nothing. Adrian
caught 4 Elegnus in the Fistuladas and 1 in antiquéo.
At noon set 6 steel traps for guinea pigs at about
6 km WNW Comallo, then disinfected til 3 pm. nothing in the
4 cage traps at the Phyllotis rocks. Then drove back the dirt
track behind Ramón's puesto to the cliffs hoping to find
pellets. Rocky canyon with dense cola de piche and with
duraznillo 8 ft tall. Found a couple of quarts of pellets,
probably tuco. Returned Bariloche 7:30 PM. (The driving
car from the
and pellets to the
road was 2.0 km
plus maybe 0.3
km more by foot
to the bottom of
the cliff).

May 17 Bariloche. Scattered clouds, showers!

May 18 Bariloche. A.M. -9°C, snowing heavily,
but soon turned to slush.

May 19 Bariloche, snowing heavily. about 3" fell at the apartment
and 8 inches up at the University where I attended

a session for planning the curriculum. Dissidents and pellets.

may 20 Cold, drizzly. Some snow still left.

may 21 Partly sunny in the afternoon. At 4 p.m. put traps across the flanks of Cerro Leones, reaching up to the base of the cliff at the left-hand end and crossing a rocky knoll, but most of them in pre-cordillera steppe. attended big Sherman and MS; total 130.

may 22 Bariloche, first part of night without rain, but rain + snow before dawn. Ran traps at 9 a.m. in drizzle + graupel. They held 22 Abo. pantha, 16 Eligmo., 3 Abo. longi, and 1 Cteromys (in a MS at a hole). Two diggups at one other place. Note no Auliscomys and very few Abo. longi. Saw 2 hares yesterday while setting.

Rain and heavy wet snow most of the day, but the snow not lasting. Did not check traplines in the afternoon.

may 23. Bariloche. Cold + drizzly in the morning, almost clear at Cerro Leones. Picked up traps at 9 a.m. and also new owl pellets. Saw no owls.

About half the museum specials were sprung by rain or hail. The catch was: 1 Phyllotis (rocky knoll), 2 Abo. longi (at least one of them up at the bottom of the cliff), 13 Abo. pantha (1 of them in the same trap that caught the two yesterday) and 9 Eligmodontia. In spite of rain + hail only 1 of more than 30 mice was dead in a Sherman (oat meal bait).

Vegetation is fairly rich and diverse: tufts of bunchgrass (mostly Poa some Stipa), the commonest shrubs a

Pearson
1984

Owl Pellets from 10km WNW Cassadle, Nevada

Complete pellets (May 16)

(1) 3 Eliguro (2 ad 1 ?)
(2) 1 yg ad Phyllotis.
(3) 3 Eliguro (1 yg ad, 2 ad)
(4) 4 Eliguro (yg ad or ad.)
(5) 5 Eliguro ad (1 of them regd)
(6) 3 Eliguro (2 ad, 1 very old)
(7) 1 Reithro ad.
(8) 2 ad. Eliguro
(9) 3 ad Eliguro
(10) 2 Phyllotis yg ad.
(11) 3 Eliguro ad.
(12) 2 Eliguro ad.
(13) 1 ad Reithro

Partial Pellets

Eliguro IIII IIII IIII
Reithro II
Phyllotis I

These all from same spot.

---

3 pellets from W side of canyon:

(1) 2 Eliguro (1 yg 1 ad)
1 abs tenuis ad.

(2) no skull but marsupial pelvis

(3) 1 bird
1 mus
1 Eliguro

---

mixed bag:

complete pellets

(1) 1 Eliguro ad + larger leg bone.
(2) 2 Eliguro ad.
(3) 1 Reithro ad.
(4) 2 Eliguro ad.
(5) 1 Eliguro ad + 1 big pelvis (marsup?) dark fur
(6) 3 ad Eliguro
(7) 3 ad Eliguro
(8) 3 ad Eliguro
(9) 3 ad Eliguro, 1 large pelvis
(10) 3 Eliguro (2 ad + 1 juv)
(11) 1 small Otenomys
(12) 1 ad Eliguro, 1 large pelvis
(13) 1 bird, 2 Eliguro

Pasion
1984

owl pellets from 10 km WNW Comalla (cont.)
may 16 [illegible] of barn owl

Partial Pellets:

Eligmo ||| ||| |||| ||| ||| ||| ||| ||| ||| ||| |||| (54)
Reithro ||| || (8)
Phyllotis ||| |||| (10)
Eremoryz |||| | (6)
Bird |||| (4)
akodon boothia |||| |||| || (12)
Oryzomys | (1)
akodon longipilis || (2)
microcavia |||| (4)
marsupial (0) = 1

(14) Reithrodon & pelvis marsupial
(15) 2 old akodon boothia
1 old Eligmo
(16) 1 yg ad Reithro
(17) 2 Eligmo (1 old 1 ad)
(18) juv. marsupial (no teeth)
(19) 4 Eligmo (1 old old, 1 ad, 1 ad)
(20) 1 Eligmo
1 akodon longipilis
2 Phyllotis (1 juv)
(21) 2 Eligmo
1 Oryzomys
(22) 2 Eligmo
(23) 3 Eligmo
(24) 3 Eligmo
(25) 1 Reithrodon adults
1 old akodon boothia
(26) 1 ad. Eligmo
(27) 2 Eligmo ad.
1 fetus ? of ? Phyllotis.
(28) 3 Eligmo (1 old 2 ad)
1 boothia or ? not so?
(29) 2 juv. aulisco
1 akodon boothia?
1 ? Oryz?
(30) 2 ad Eligmo
1 marsupial pelvis + long bones
(31) [no skull]
(32) 1 akodon boothia
1 Eligmo (yg ad)
(33) 1 Phyllotis (ad)
(34) 2 Eligmo ad.
(35) 3 Eligmo (2 ad, 1 old old)
(36) 1 akodon longipilis (ad.
1 bird
(37) 2 Eligmo (1 old old, 1 yg ad)
1 long bones of big ?
(38) 1 juv Phyllotis
1 ad Eligmo ?, cricetid ?
1 long bones of juv. big
(39) 1 Eremoryz (yg ad)
and "grass seed"
(40) 3 ad. Eligmo
(41) 1 yg ad aulisco
(42) 1 very yg Reithro
(very small pellet)

Pearson
1984

may 16. 10km WNW Comallo

Summary of owl pellets (probably Tyto alba) from 10km WNW Comallo – a cliff/canyon less than 2 km from the road, north of the chacra of Ramón Mendoza.
58 complete pellets, plus fragments of pellets.

	Sack 1 13 complete pellets	Sack 1 Partial Pellets	Sack 2 45 complete pellets	Sack 2 Partial pellets	Σ
Eligmodontia	28	14	63	54	159
Abrothrix hirta	0	0	6	12	18
Phyllotis	3	1	4	10	18
Reithrodon	2	2	4	8	16
marsupials					6
Oligomys	0	0	2	6	8
Birds	0	0	3	4	7
Abrothrix longipilis	0	0	2	2	4
microcaira	0	0	0	4	4
auliscomys	0	0	3	0	3
Oryzomys	0	0	1	1	2
Euneomys	0	0	1	0	1
					246

Some of the marsupials were in pellets and some were loose jaws. about 4 pellets contained marsupial long bones or pelvises or basioccipitals without any teeth. Usually young individuals. apparently the owls ate and eating the heads?
The Euneomys was in a good pellet by itself and much grass lachylebe grass seed, maybe stomach contents?
This owl roost is within 2 km. of all of our Comallo trap sites. Do rarities associate in the same pellet?

narrow-leafed Baccharis, Some nevea and acacia, scattered Calletia, a few pine trees like at San Ramon, palo prieto (especially high on the slopes), lots of the sawtoothed brownbad (especially high up), a few Ephedra & Senecio

Total catch:	1st night 130 trafo	2nd night ± 100 trafo
abo fonlbo	22	13
Eligmo	16	9
abo longi	3	2
Phyllotis	0	1
Clavomys	1	0
	42	25

Note no Auliscomys

Σ (67)

Wet snowing at 11 pm

May 24 more wet snow, but not staying on the ground. Visited INTA and talked with Susan & James, then James Edwards and Graciela came to call. They recently caught a 70-g Auliscomys, the stomach & intestine weighed 20g, and it was carrying (a ♂) 5 gms. of epiddary, inguinal, and visceral fat (especially around testes). maybe they do hibernate?

Pearson
1984

Owl Pellets from Cerro Pequeño, May 23, 1984
(Previous collection was April, 1984)

Complete Pellets:

(1) 1 aulisco (ygf ad.)

(2) 3 abo fantho (1 ad, 1 yguck, 1 ?)

(3) 2 abo longi (ad)
1 Oryz (ygf ad)

(4)
- 1 ad Oryz
- 2 abo fantho
- 1 Eumeomys juv.
- 1 Bird

(5)
- 1 abo longi ygguck
- 1 aulisco ygguck

(6)
- 1 Eumeomys small
- 1 Oryzomys old

(7)
- 2 ad Eumeomys
- 1 ygf aulisco
- 1 ad abo longi

(8)
- 1 ygguck aulisco
- 1 " abo fantho

(9) 1 ygf Reithro

(10)
- 1 juv Reithro
- 1 juv aulisco
- 1 ad Elegmo
- 1 old Eumeomys

(11)
- 1 juv. Reithro
- 1 ygf ad abo fantho

[(12)] long bones only

(13)
- 1 abo longi ygf.
- 1 aulisco old

(14) 2 aulisco (1 old 1 ygf)

(15) 1 bird

(16) 1 aulisco old

(17) 1 ad ♀ Eumeomys

(18)
- 1 old Elegmo
- 1 ad abo fantho
- 1 ad abo longi

Total of complete pellets:

aulisco	9
abo fantho	8
abo longi	6
Eumeomys	4
Oryzomys	3
Reithrodon	3
Elegmodontia	2
Eumeomys	2
Geomys	0
Bird	2

Partial pellets:

(abo longi 2 ygf ad
Geomys 1 ygguck) in same partial pellet

Total in partial pellets:

aulisco	I	=	1
abo fantho	II	=	2
abo longi	III	=	3
Eumeomys		=	0
Oryzomys		=	0
Reithrodon	I	=	1
Elegmodontia		=	0
Eumeomys		=	0
Geomys	II	=	2
Bird		=	0
			9

O.P. Pearson
1984 (spring)

Species Accounts

Argentina

Pearson
1984

Alsodes longipes

May 23 – Cerro Leones, caught 6 in <260 trap nights, far outnumbered by Alsodes kaweshkari and Eleutherodactylus. See 7209 as well as:

84-450 ♀	153×62×22×15	19 g. dorsum skin white no scars
84-451 ♀	157×65×22×14	19½ g. " " "
84-452 ♀	157×66×23×14½	27½ g. " " " pelvis not open
84-453 ♂	156×63×22½×15	19 g. testes 3 white

Pearson
1984

Abadon pantherhouse

May 22 Cerro Pearson. Ln 130 traps, 22 panthers, as follows:
(weather #7210):

84-400 ♀	128 × 50 × 20½ × 14	15 g. uterus thin no scars
84-401 ♂	121 × 48 × 19 × 14	12 g. testis 3 mm, white, no fat
84-402 ♀	122 × 50 × 19 × 14	12½ g. ut. thin, nullip
84-403 ♀	122 × 49 × 20 × 15	13½ g. " " "
84-404 ♀	126 × 50 × 20 × 15	12½ g " " "
84-405 ♀	122 × 45 × 20 × –	12 g. " " "
84-406 ♀	123 × 48 × 19 × 14	14 g " " "
84-407 ♂	128 × 48 × 20 × 14½	12 g testis 3 white
84-408 ♂	116 × 44 × 19½ × 14½	14 g. testes 3 mm, one white one red.!
84-409 ♂	120 × 50 × 19½ × 14	13 g testis 3 mm white
84-410 ♂	117 × 47 × 19 × 14	12 g. testis 2½ white
84-411 ♂	121 × 50 × 20 × 19	14 g testes 3 mm, dark, not flabby.
84-412 ♂	124 × 50 × 20½ × 14	13 g. testis 3 mm white
84-413 ♀	125 × 46 × 20 × 15	12 g. uterus thin, no scars
84-414 ♀	122 × 51 × 19½ × 15	13 g " "
84-415 ♂	131 × 52 × 20 × 15	15½ g. testis 3 mm white
84-416 ♂	125 × 49 × 19 × 14	13½ g. testis 3½, sl. dark
84-417 ♀	124 × 47 × 20½ × 15	15 g. uterus thin, no scars
84-418 ♀	130 × 50 × 19 × 15	12 g. " " "
84-419 ♂	138 × 52 × 20½ × 14	12½ g testis 3 mm white

May 23

84-420 ♂	135 × 53 × 20½ × 15	13½ g. testes 3½ white
84-421 ♀	125 × 50 × 19 × 14	15 g. uterus thin white no scars.
84-422 ♂	126 × 46 × 19½ × 14	14 g. testis 3½ mm white
84-423 ♂	125 × 48 × 19 × 14	14 g testes 3 mm white

Pearson
1984

Peromyscus leucopus (cont.)

may 23 (cont.) Cano Seco

84-424 ♂	123×47×19×14	14½ g. testes 3½ mm 5 ♂ 3
84-425 ♂	134×51×20×14½	15½ g. testes 3½, white
84-426 ♀	131×50×20×14½	14 g. uterus thin white no scars.
84-427 ♀	130×50×19½×14	13 g. " " " "
84-428 ♀	131×52×20×14	12 g. " " " "
84-429 ♀	124×45×20×14	12 g. " " " "
84-430 ♀	144 (sic) ×59×20×14	16½ g. uterus thicker than the others, no scars, pelvis slightly open, nipples not seen.
84-431 ♂	134×51×20×14	14½ g. testes 3 mm white
84-432 ♂	133×52×19½×14	12 g. " " " "

Pearson
1984

Elaphrodontia typhus

May 17. Spent 2 days with adrian monjeau trapping at Cañadon Bonita and at the east end of INTA (Campo de las Fisteladas and Campo antiguéo). Caught numerous Eligmo and a few Abrothrix. Dissected about 20 Eligmos; only one of the female was parous, and probably none of the males were post-reproductive.

May 22 Cerro Leones. In 130 traps (½ Sherman ½ MS) caught 16 ~~15~~ Eligmo as follows: (see also # 7211)

84-300 ♀	146 × 70 × 22 × 15 × 15½ g.	multiparous.
84-301 ♂	155 × 79 × 23 × 16	17½ g. testis 3 — white
84-302 ♂	144 × 68 × 23 × 15	16 g. testis 2½, white fat body large
84-303 ♂	155 × 78 × 23 × 15½	17 g. testis 3, white "
84-304 ♂	150 × 68 × 22½ × 16	15 g. testis 3, white "
84-305 ♂	150 × 76 × 23 × 15	17 g. " " " "
84-306 ♂	146 × 70 × 22 × 15	16½ g. " " " "
84-307 ♂	143 × 68 × 21½ × 15	17½ " " " "
84-308 ♂	— 68 — × 22 × —	— " " " "
84-309 ♀	143 × 69 × 21 × 14	14 g. vagina open (sic) uterus nulliP
84-310 ♀	143 × 67 × 22 × 15	15 g. nulliP.
May 23 84-311 ♂	150 × 75 × 22 × 14½	15 g. testis 2½ m white, much fat.
84-312 ♂	150 × 70 × 22 × 15	15 g. " " " " "
84-313 ♀	136 × 67 × 22½ × 15½	15½ g. uterus thin white, no scars, much ovarian and visceral fat.
84-314 ♀	160 × 81 × 22 × 15	13½ g. uterus thin white, no scars no fat.
84-315 ♀	145 × 70 × 21½ × 15	13 g. uterus thin white no scars much fat.
84-316 ♂	143 × 68 × 21½ × 14½	13 g. testis 2½ white, much fat at kidneys & testis.
84-317 ♀	143 × 68 × 21 × 15½	14 g. uterus thin, white no scars, much fat at kidneys, ovaries, inguinal.

Pearson
1984

Eliguadoutra typus (cont.)

Mag 23 - Cerro Seaver (cont)

84-318 ♂ 163×81×23×15½ 17g. testis 2½, white

84-319 ♂ 142×65×21×15 13g " " "

Pearson, O. P.

1984 (fall)

catalogue

7217 - # 7229

Argentina

Pearson
1984

Catalog

Parapa Huenuleo, 5 km SW Bariloche, Rio negro, argentina

Oct. 31

7217 ♂ Eteronyx — liquid subcut cyst on shoulder, 23g. Saved.
243 × 72 × 32 × 5 198 g. Bladder 5 g.
testes 10 mm, SV thin. Cyst identified by Dr. Marcelo E. Suarez as Coenurus serialis (Gervais, 1847)

2 km E Estacion Perito moreno, Rio negro

nov. 7

7218 ♂ Reithrodon — testes 4 mm, SV 3. Stomach with green gloss.
143 × 51 × 21 × 27 20.5 g.

43 km SSW Bariloche, 1200 m, Rio negro

nov. 25

7219 ♀ aulacinyx. — nipples large, no milk. VO 2½ mm faint scars
257 × 109 × 30 × 20 62½ g. cecum 6.5 mm
ovaries no pink CL

Rio Castaño Overo 890 m, 44 km W Bariloche, Rio negro

nov. 30

7220 ♂ aulacinyx — 250 × 110 × 30½ × 21 76 g. Testes 10, SV 15

Refugio Neumeyer, 1500 m, 13 km SSW Bariloche, Rio negro

Dec. 3

7221 Chelemys — stomach brown gloss; cecum large.
153 × 47 × 25 × 16 35g Testis 4.5, SV 3

Dec. 4

formol 7222 ♀ " — caught Dec. 3. nipples large, milk.
175 × 50 × 25 × 15½ 76 g. Recently parturient. 5 small
formol 7223 ♂ " — 181 × 53 × 26 × 17 85 g. testes 13, SV 16

2 km E Estacion Perito moreno, Rio negro

formol 7224 ♂ Reithrodon — Test 8, SV 10 — caught nov. 11
190 × 77 × 31 × 24 50.5 g fat — weighed 25 g.
formol 7225 ♀ " — uterus pink 1½ mm, much fat — caught nov. 11
188 × 75 × 30.5 × 23 48.5 g. — weighed 25 g

10 km WSW Comallo, Rio negro Dec. 16

7226 ♀ Reithrodon — large nipples, no milk
225 × 81 × 33 × 26 105 g. 7 fetuses of 27 mm CR

7227 ♂ Eteronyx patagonicus at Puerto Blanco — 2 incisors 2.22 mm — testes 2 mm
146 × 43 × 24 × – × 36 g. stomach green

7228 Microcavia — 4 fetuses, 32 mm C-R
187 × 0 × 43 × 17 210 g

Puerto Blanco, 23 km NNE Pilcaniyeu, Rio Negro

Dec. 11

7229 ♂ Eligmodontia typus. 2 supernumeraries 2.8 mm, stomach green
159 × 43 × 25 × – 49 g testis 2 mm

Pearson, O.P.

1984 (fall)

Journal

Species Acc'ts.

Argentina

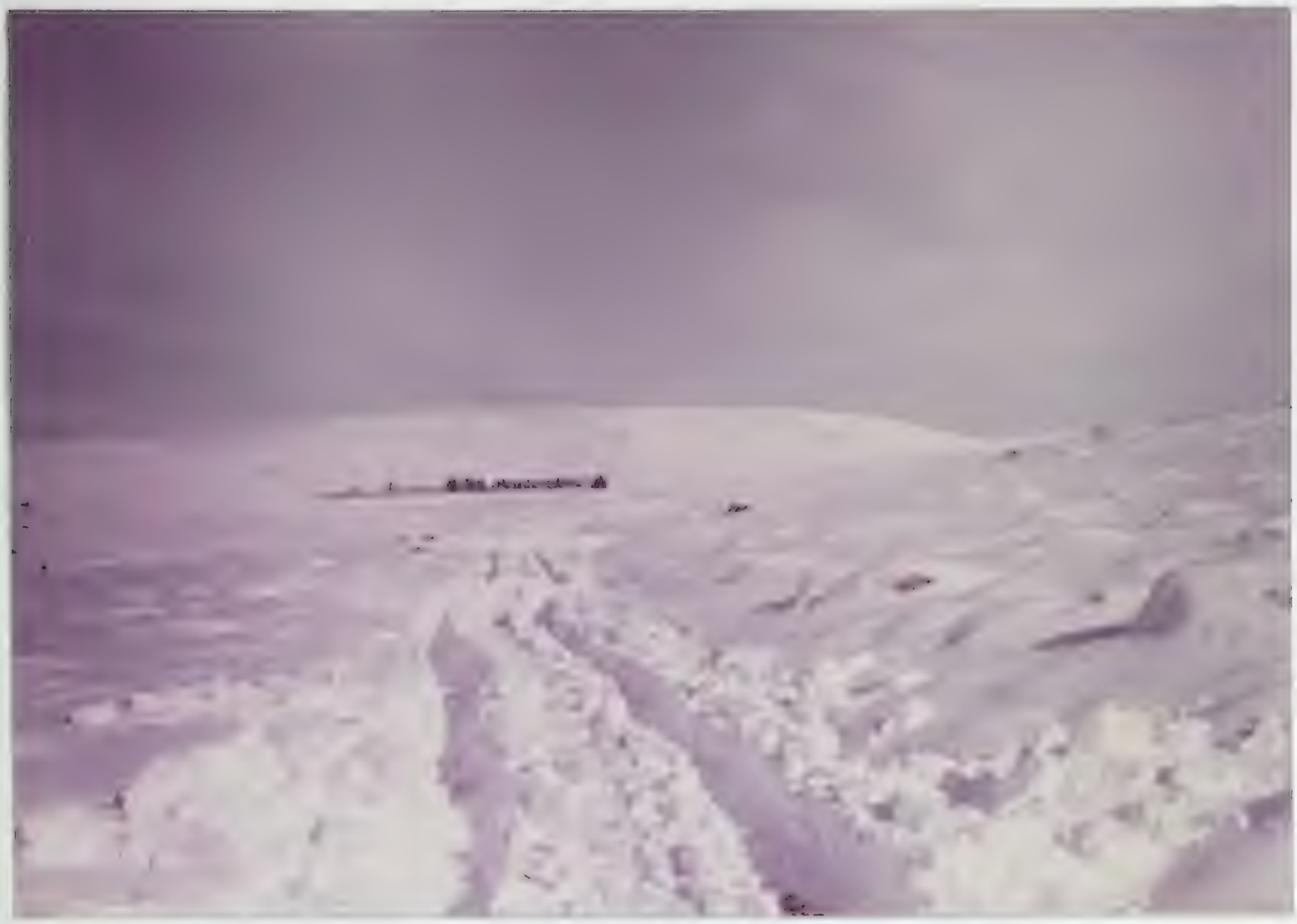
Pearson
1984

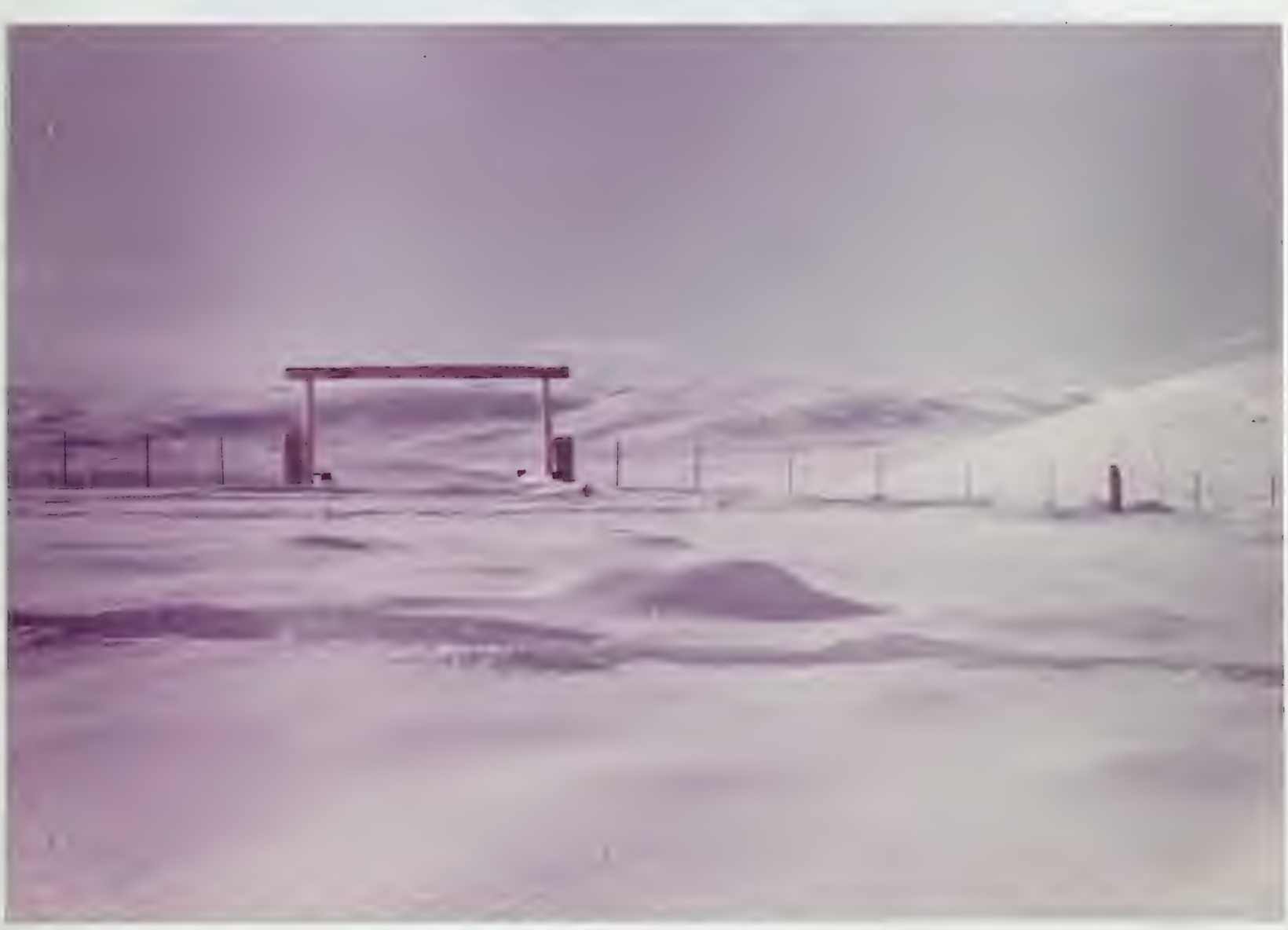
Oct. 29 Bariloche. arrived from Buenos aires about 11 a.m. completely overcast, 3°c, rain and snow. In B.A. saw Willie and mary joe mengoni, Oswaldo Reig, and student claudio Bilingardi and miguel Pallarano. Reig teaching at the University, not director of the museum (Director is still Gallardo), Crespo still the mammalogist. Willie is teaching + mary joe has a CONICET Fellowship. Also had lunch with Kravetz, juan, maria Busch (mouse competition) and another student doing burrowing owl predation. also tea with Rottebohm parents. a thunder rain storm overnight in BA had blown down big trees along the costanera.

Javier Calvo came to call, was completely moved out of Cerro Otto during the winter. He took a helicopter ride over the ashfall: it was all white, with dead sheep etc. Everyone agrees worst winter in 40 years.

Oct. 30 Cold, scattered sun. a few daffodils out; apple trees in town are blooming. Michael Christie in B.A. but saw Marcello Bettinelli. Lombardi poplars just beginning to leaf. a few Scotch broom blooming

I rose out to Cerro Goanee and looked for Reithro lemurus (none) and collected owl pellets (about 1 qt.). Found mouse trap (INTA?) up near the cliff. maybe Adrian Warren Ellen Pedersen has been trapping there (and collected pellets?). Lots of Baccharis; Palo Piche just below the cliff,





campo aneko, INTA, Pilaniyeu Viejo. July 13, 1984
Photos by adrian monjeau.

adrian mocijlac and ephaustet
tinamou at Pilaingen Viejo.
july 13, 1984

Pearson
1984

the cardo (bromeliad) heavily gorged. Saw pale rabbit, a few beetles.

Then drove to the old matadero meadow on Pampa Huenuleo. Lots of Rattus holes but almost no droppings. also two-two signs including huge deep runways that were probably made under the snow, and two droppings out in undug turf. Set 8 steel traps for tuco and skunk, and 8 new Rattus cage traps and about 6 old cage traps for Rattus, baited with Dandelions. Weather cold, mostly cloudy.

Before dark caught 2 tuco-tucos. Heard no singing. Camped in middle of meadow, checked traps at 10 P.M. (most half-full), nothing.

Oct. 31 Pampa de Huenuleo. Began to rain at 10:30 p.m. checked traps at 3 a.m., rain/snow, nothing. Still raining at 7:00 A.M. Picked up traps, none touched. new snow on the trees up on Cerro Otto. Returned to Bariloche 8:00 A.M. Rain rest of day. Christie visited in afternoon.

Nov. 1 Early morning sunny, then clouded over, then rain. Went to INTA and talked with Javier Balboti, Susan Martin, and Julietta von Thungen. Lots of talk about how severe the winter was. 1½ m. of icy snow at Piles; lots of dead sheep and guanacos. I wonder about the rheas? The grey foxes seem to have been badly hit but not the red (what evidence?). The

Pearson
1984

38

Owl Pellets from Cerro Leones
Oct. 30, 1984

(1) 1 old aulisco

(2) 1 ad aulisco

(3) 1 ad Reithro

(4) 1 ad Eumeosmys
1 yg ad aulisco
1 yg Eligmo?

(5) 1 old aulisco
2 juv. "

(6) 1 ad Eligmo
2 ad abo longi

(7) 1 yg aulisco
1 old abo longi
1 Oryz ad
1 ?

(8) 1 ad aulisco
3 abo pantho (1 old)

(9) 1 old aulisco

(10) 1 Ctenomys upper pr. 4.6 mm
lower 2.17

(11) 1 juv. aulisco
1 Oryzomys

(12) 1 ad abodon longi

(13) no shell

(14) 1 Reithro juv.

most of above 14 pellets somewhat polet weathered.

no two incisors to measure

(15) big pellet but only 1 Oryz old

(16) 2 old abo longi
1 Eligmo

(17) 1 Oryz
1 Geomys

(18) 1 yg aulisco

(19) 1 abo longi
1 abo pantho

(20) 1 Oryz adult.

(21) 1 yg ad aulisco
2 abo pantho

(23) 1 old abo pantho
1 ad Eligmo

(24) 2 yg ad abo longi
1 yg aulisco

(25) 1 ad aulisco
1 old abo longi

(26) 1 yg ad. aulisco

(27) 1 old aulisco

(28) 1 yg ad Reithro
2 ad abo longi
1 ad Oryz.

(29) 1 ad aulisco.
1 abo longi
1 old abo longi

(30) 1 ad. aulisco

cont. Total

Partial pellets:		Whole pellets	Total
abo longi	11 2	14	16
Reithro	11 2	3	5.
abo pantho	111 3	7	10
Ctenomys	1 1	1	2
Oryzomys	1 1	6	7
aulisco	11 2	18	20
Bird (tiny)	1 1	0	1

Eumeosmys	1
Eligmodontia	4
Geomys	1
	(67)

vicuñas at the Reserva San Guillermo are said to have reduced their numbers from 8,000 to 1,000. Adrian trapped the Campo Fistulador etc, 300 trap nights and 0 captures (in June? or July?). The road to Jacobacci was cut, first by snow, then by bridges washed out.

Two students came by. One working under Daniel Gordone Rapaport, Gabriel Lopardo has finished a report on howler monkey behavior. The other is studying birds at Laguna de los Juncos (Estación Punta Moreno). Our rich mouse habitat in arroyo La Fragua has been bulldozed for the gas pipeline.

nov. 2 Day cool, scattered clouds + sun. Visited the new Fundacion Bariloche office (Isabel Gallopin and Miguel Gron) in the former Hotel Rodas. Someone stole their Apple computer.

Drove to Lago Mascardi to photo Berberis darwinii in full bloom. Saw about 5 isolated bamboo plants along the east side of the lake. another Berberis (fragrant) in bloom also.

at lunch with Hilda Rundell yesterday she mentioned that in England in July, hedgerows of bamboo were dead, and that there was a notable abundance of mice.

at 7 p.m. went to a talk by Claudio Chebaber on the status of mink in Argentina. He estimates a rate of advance of only 10 km per year. not yet overlapping otter (mink are on Rio Manso; otter in Nahuel

H. wolfi). winds principal diet is mice; they have not yet found coiba in feces.

Nov. 3 Day cloudless, calm. Went up Cerro Otto to Piedras Blancas. Lots of snowbanks thereabout; lenga leafing out. The row of Doug firs, 1 ft. DBH, along the road at the tarn meadow had all fallen (except one); snow? wind?. Walked along Javier's trap path. Lots of snow, the bamboo still struggling up through it. The lengas beginning to leaf out. a few earth cores in open meadows, but this is not an amaneay area. Saw no "edible" bamboo shoots, but lots of clumps had a few tall leafless culms with sheaths. We chose a discrete clump in a meadow and spent several hours tallying culms and measuring diameter and internode distances. Some big canes had been broken by the snow. Dinner with Gallopins.

Nov. 4 Morning cloudy turning to rain at noon. Finished measuring the bamboo clump on Cerro Otto, clump A. The clump contained ~~277~~ 267 ~~culms~~ yellow (old) culms, 25 green-with-culm-sheath, 5 red-stalk-no-leaves-1st yr, 14 broken culms, and 73 dead culms; no "edible" shoots but 2 old dead "edible" type shoots, also 1 red-but-leaves-out-no culm-sheaths. Total 387 culms including 75 dead. 3 random subsamples had internode diameters 2 ft aboveground of 10.9 to 24.0 mm, mode 19 mm.

Nearby were the remains of old dead clumps, very short stubs sticking up above ground and big old grey weathered canes scattered about. Picked up 4 big pieces, and the internodal

diameters were larger than any of the living canes.. are these left over from the previous flowering? This would fit with Hueckefan's statement that the canes were larger at the time of the last flowering. av. diam. of random 52 canes = 19.4 m.m.

Lots of sign of rodent digging activity under the cane, especially around bushes such as Berberis. Dirt heaped up there, and along fallen logs. Probably tucuxi and Chelemys.

They clear by 4 PM.

nov 5. Day cloudy or scattered clouds. Drove out to Estancia El Condor with Anita + Claudio Silingardi and his girlfriend and looked for Reithrodon. Went to the field where they had been abundant a few years ago and saw no holes or droppings. Then searched various other fields and found only a few holes and a few droppings. Saw several bovines, beef cattle, no sheep. Found owl pellets along a fence contained Eligmo + akodon but no Reithro.

Abel + Marta Bate came for dinner, and then Javier Perez + Graciela dropped in. Abel + Marta have a previous manuscript on the history and life style of the pobladores in the Park at Rio Vallegas. Also a manuscript on the pobres at Isla Victoria.

nov. 6 Morning mostly clear, then scattered clouds. Warmer, not windy. Javier Perez came in the morning to talk about his Cerro Otto mouse data, then left at 3:45 to look for Reithrodon. Stopped at our campsite at Estancia San Ramon where we had seen Reithro 2 yrs

(Estación Punta morro)

Pellets collected October 1984 at Laguna de los Juncos by Gabriel Lefardo and Daniel Gordoví

Note N° 1
most of them small, perhaps ascio flammeus

(1) Akodon longipilis
(2) akodon longipilis
akodon pantho
(3) Sigmo
(4) 1 Eligmodontia
1 akodon longipilis
1 akodon pantho
(5) 1 aulisomys
(6) 1 akodon longi
1 oxymomys
(7) 1 akodon longi
(8) 1 aulisomys
1 Reithro
(9) 1 akodon pantho
(10) 1 Reithro
(11) 1 Reithro
(12) 1 aulisco
1 aulisco
(13) 1 Oxymomys
1 Reithro
(14)
(15) 1 Ctenomys
(16) aulisco
1 Reithro
(17) 1 akodon longi
1 akodon pantho
1 Phyllotis
(18) 1 akodon pantho
1 Eligmo
(19) 1 akodon longi
(20) 1 aulisco
(21) 1 Reithro
(22) 1 Reithro
(23) 1 Reithro
(24) 2 aulisco
(25) 1 Ctenomys
2 akodon pantho
(26) *
(27) 1 Reithro
(28) 1 Reithro
(29) 1 Reithro
(30) 1 Reithro
(31) 1 akodon longi
1 Reithro
(32) 1 oxymomys
1 akodon pantho
(33) 2 akodon longi
1 Eligmo
(34) 1 Reithro
1 aulisco
(35) 1 Reithro
(36) 1 Ctenomys
(37) 1 Reithro
(38) 1 akodon longi.
2 akodon longi
(39) 1 Eligmo
(40) 1 akodon longi

Totals:	completed pellets	Parts of pellets (probably dogs)	
Reithrodon	𝍸 𝍸 𝍸 I = 16	21	37
aulisco	𝍸 IIII = 9	19	28
Ctenomys	III = 3	7	10
akodon longi	𝍸 𝍸 IIII = 19	6	25
akodon pantho	𝍸 III = 8	4	12
Eligmo	IIII = 4	4	8
Oxymomys	III = 3	3	6
Bird	= 0	1	1
Chelemys	= 0	1	1
Phyllotis	I = 1	1	1
Hare	I = 1	0	1
	64		170

Partial Pellets, Set 1

Rattus |||| |||| |||| |||| | = 21

Onychomys |||| |||| |||| = 19

Neotoma |||| || = 7

Sylvilagus |||| | = 6

Spermophilus |||| = 4

Peromyscus |||| = 4

Microtus ||| = 3

Bird | = 1

Thomomys | = 1

Reithrodontomys | = 1

Sete 2 Pellets collected at Segua de los funcos by Gabriel Gofford + Daniel Gordon, Oct. 1984

(1)	1 abo kantho	=	abo kanji 2
(2)	2 abo kantho		abo kantho 3
(3)	1 abo kanji		Eliguro 5
(4)	1 abo kanji 5 Eliguro		Large Bird 1

(5) Sete #3

(1)	1 aubsoungz	(23)	1 abo kanji.
(2)	1 aubsoco	(24)	1 aubsco 1 Eliguro
(3)	1 abo kanji 1 abo kantho	(25)	1 Reithro
(4)	1 Euneounge 1 Eliguodontia	(26)	1 Reithro
(5)	1 abo kantho. 1 Chelsoungz	(27)	1 aubsco
(6)	1 Reithodon 1 Eliguro	(28)	1 Eliguro 1 aubsco
(7)	1 abo kanji	(29)	1 Reithro 1 aubsco
(8)	1 aubsco	(30)	1 Oryzoungz
(9)	1 Eliguro	(31)	1 abo kantho
(10)	1 aubsco 1 abo kanji	(32)	1 aubsco
(11)	1 baby hare	(33)	2 abo kanji 1 aubsco juv
(12)	1 aubsco 1 abo kanji	(34)	1 Reithro
(13)	1 Euneoungz juv.	see next page for Summary	
(14)	1 Reithro		
(15)	1 abo kanji		
(16)	1 abo kantho 1 aubsco		
(17)	1 Oryzoungz. 1 abo kanji		
(18)	2 abo kanji.		
(19)	2 abo kanji.		
(20)	1 abo kanji 1 Phyllotis.		
(21)	1 abo kanji		
(22)	2 abo kanji		

Site 3 summary (collected October, 1984)

	complete pellets		partial pellets		Total
Reithrodon	𝍸 I =	6	𝍸 =	5	11
auliscomys	𝍸 𝍸 II =	12	II =	2	14
Oryzomys	=	0	I =	1	1
Abrothrix longipilis	𝍸 𝍸 𝍸 II =	17	I =	1	18
Abrothrix xanthorhinus	IIII =	4	II =	2	6
Eligmodontia	𝍸 =	5	II =	2	7
Oryzomys	II =	2	=	0	2
Bird	=	0	=	0	0
Chelemys	I =	1	=	0	1
Phyllotis	I =	1	=	0	1
Hare	I =	1	=	0	1
Euneomys	II =	2	III =	3	5
					67

Pellets collected Nov. 7 at Laguna de los Pumas by Jordan et al

	Site #1	morro aguilar	morro norte	Σ
Reithrodon	1	3	13	17
auliscomys	0	4	19	23
Oryzomys	0	1	11	12
Abrothrix longipilis	0	3	13	16
Abrothrix xanthorhinus	0	1	4	5
Eligmodontia	2	0	11	13
Oryzomys	0	1	4	5
Bird	0	0	0	0
Chelemys	0	0	2	2
Phyllotis	0	0	2	2
Hare	0	0	0	0
Euneomys	0	0	3	3
				98

note species Diversity / Index!

ago, but found no sign there, and move at Est Perla Moreno (Laguna de los juncos). While there an INTA truck went by with Adrian. He had been trapping at Pilcaniyeu and said that after many hundreds of trap nights at his grids in July, Aug, Sept, Oct, and now (7 days), he had caught nothing.

I set 15 cagetraps in low bush + reed habitat along the RR track a few hundred yards east of the lake. Saw no Rattledon droppings, but habitat looked good. Baited with dandelion, oats, apple.

Then drove about 2 miles east of the lake and camped between the RR and the road. Here there is lush green grass and lots of Reithro droppings and holes. I set about 5 Sherman and 8 new Reithro traps. Anita set 1 steel and 40 MS. She caught a juvenile Reithro at 8:20 while it was still quite light. Mostly cloudy at dusk, with distant lightning. Almost no wind; almost full moon.

Ran traps shortly after dark: 2 Akodon longipilis in snap traps, no Reithros.

nov. 7 Estancia Perito Moreno. Ran traps at 1 a.m, thin clouds, bright moonlight. Nothing in traps, saw no mice. At dawn, ice on windshield, very light frost on grass, but many of the new traps frozen. Nothing in them. 2 more Akho longipilis in snap traps + 4 Sprung empty. In the 15 cage traps along the RR at the lake, caught 3 adult Akho. longipilis. About 15 condors running on the cliff. Returned to

Barilerdo 9 a.m.

Owl pellet from near the lake = 1 sulcimanys.

In the afternoon drove out to the Flao Flao Ranch and measured bamboo in a flat pure-bamboo area 18 yards short of the well on the trail that starts just before Fago Escondido. Chucaos singing all around. no herb vegetation, one big cardon about 40 ft. away. This clump (B1) had no red leaflen canes from last season but did have 3 new shoots. Numerous other shoots 2, 3 or 4 ft tall with the sheathed tips dead. Other clumps nearby had red leaflen shoots. One clump nearby had a shoot 28.1 mm diam at the base. From the presence of a well and rosa mosqueta, I guess this area must have been cleared at one time. No cardon or cipres seedlings.

nov. 8 morning clear. Drove to Rio Villegas to visit Abel & Marta Basti. after lunch drove down the Rio Mayo on the south side to the Rio Fogel, then walked over the hanging bridge and down the valley for maybe a km, or two. a dam is being planned for this valley. The park is on the north side of the river, but impossible to cross to visit the poblodores as we had hoped. Abel's research shows fewer people and fewer animals in the park than years ago. The original park settlers came from Chile about 1903. Most of the heads of households now are women.

nov. 9 Partly cloudy, sprinkle of rain. Went for a horseback ride with Anita and Huenchupan up the valley to the Pampa de Toros, over the 1st ridge to the east, then back past Molén Redondo and Puesto

Retamo. This consists of 2 tall posts (all that's left of a rancho or house) in a ½-acre clearing. There was surely a bigger clearing here years ago. now it is a sea of ñire, caña, and retamo. On our 3½-hour ride covering at least 500 m of elevation and different slopes, we saw only a few coihues and arawcanos. all the landscape showing the big fire in the 1920s must have made a big difference, and Rogel was probably right when he said ~~that~~ used to be many more people in this area.

Huenchufan pointed out a puma track; not very convincing. Home 5:30 p.m. Berberis darwinii and apple trees still in full bloom.

nov. 10 moving clear (Bariloche). Michael Christie visited last night (he is moving) and brought Ellen Pederson's field notes. She set 50 small mesh traps at the Hipodromo on June 20, clear, cold, various cms. of snow, baited with oats and corn meal. night was cold + frosty, and dead 15 traps were frozen, the others caught 3 Oryz, 1 abro olivi., and 1 bird (Asthenes). no Elig.

On July 1 she trapped cerro Lesser with ~~30~~ 70 mesh mesh traps from the road up to the end cave and then along the cliff. Cold and windy. There was ~~no~~ 1 week after the big snow, but the snow had melted. She ran traps on July 1 (1 abro pamp, 1 Eligmo on the transect perpendicular to the cliff and 4 Phyllotis along the cliff. On July 3: 1 abro pamp and 1 Eligmo on transect plus 2 abro longi at base of cliff.

Left at 3:30 for Estancia Punta Norte with Gabriel Tofardo, Daniel Gordone, Claudio , his girl friend the geologist, and José .... Set 2 Shermans and 22 MS across the steppe east of the lake to the RR, along the RR, then back to the road. Also about 15 traps along the edge of the lake near the willows. Grass short, almost no tules.

Then drove 2 km E to our campsite and set about 9 cage traps and 5 new Reithro traps, all set for Reithro; lots of holes + droppings. Excavated 3 burrows, but found only 1 nest. Each burrow 3 or 4 meters long. While setting a trap near one of the excavations, a juvenile Reithro tried to run down the hole I was setting at. Grabbed it.*

The owner of the Estancia (La Fragua) came by: Sr. about 8 p.m., broad daylight. Same hole where Linda trapped one earlier this week. marpul. Friendly.

Caught another Reithro before 10 (see specimen count) and another before 1 a.m. While packing up at 10 Par, followed a skunk for about 50 yards while it dug little holes along the RR embankments right near, about 2 hrs of dark before the moon came up. no wind

Nov. 11 morning clear. Considerable frost, cup of water in car froze. nothing more in the Reithro traps. Then drove back to the lake and pulled up traps. 5 also. Cargi. across the meadow + RR, nothing along the lake. No condors. Sr. marpul said some guanacos survived the winter but no calf. quail. We did see quail a few days ago near the Estancia San Ramon entrance

Visited Hilda Rumbold in evening.

nov 12 Sunny warm all day. Drove up Cerro Alto, re-measured some of Bamboo Clump A1, made a count of yearling culms along 90 yards of trail, then measured another clump A2 growing right up against a 14-inch lenga. Transplanted 2 clumps of rhizomes to the backyard. One of them with a nice big white shoot still underground. Saw no new shoots in the wild. a few small patches of snow still.

nov. 13 Sunny all day + warm. Visit from the Gallo Pinto and adrian morgan and wife. Looked for Rallus sign at the marsh at Estancia Tehuel malal; very little sign. Took photos of the valley at Est. Tehuel malal.

nov. 14 Sunny, nice clouds. Pellets etc (see Pelletrodon). Otto in evening for bamboo sampler and photos.

nov. 15 Sunny. anita went bamboing. Did pellets ~~and rotation~~ train to Pampa ~~sprouts~~ Hemeles looking for Rallus. Good holes, few droppings.

nov. 16 Sunny. anita went bamboing with Isabel Gallopins. I worked on my speech. nov. 19 - to cuevas Trafiul + Cullinmoun and 5 two traps down road caught nothing. 12 birds in cave.

nov. 20 to Puerto Blest with anita, Peter, Karen, + Justin. Beautiful big clumps of bamboo all in flower at the edge of the meadow near the camp ground. The flowers dark purple, the culms already looking a little bit dead. There were yearling culms + with blooms. Saw no new shoots, although they were found on various other clumps.

On the walk to El abuelo we counted 6 blooming clumps. There were yearling shoots as well as new new shoots on

some or most of these 6 clumps. the yearling culms seem to be taller than the old culms.

Chose a clump of bamboo on the grid (5B) near a big culm and measured all culms etc. Had numerous yearling culms and new shoots including some not yet above ground.

The bamboo along the steps up to Sapo Cantaros are all scrawny sparse, those along the trail between Blest + Cantaros are robust. much greater tree diversity along that trail (Sobrejobas, alders, a white-flossomed broadleaf, etc) than on our grid. Saw a dozen or two noisy parrots, but only in tree tops. Park Guard Horacio Pelosa says he doesn't see them feeding or on the ground. Some drizzle.

Nov. 21 Overnight in the hotel, then more bamboing, especially along the trail to Cantaros. at one place saw a half-dozen small bamboo plants that look like "seedlings" a couple of years old; one small yearling sprout, a clump of several-years-dead bamboo nearby. I noted the dead clump at the Correo rastery patch; still conspicuous, the culms greying but hard. no blooming clumps along the Cantaros trail.

While walking back from the grid with Horacio, he spotted a Darwin's frog crossing the road. I couldn't make it float belly-up. Horacio says he has not seen Pudus here but he found one killed by a puma and puma scats with pudu hoover. The administrator of the hotel is Sr. Pancho. Some drizzle.

nov. 23 Barbacha. Lectured on South american desert mice to my grad[illegible] and Prof Rapoport.

nov. 24 Left at 11 p.m. for La Veranda. No signs of flowering of bamboo. Many recently dead + dried clumps. Others with yearling culms. no shoots yet, but they can be found below ground by digging. Lots of signs of digging and tunneling by tacos and/or Cholempa. Set 8 Reithro traps at open holes in grass-grass meadows baited with sunflower seed and cheese. measured one clump of scrubby bamboo. Saw 1 taco (2) briefly, heard none. Saw no Reithro droppings. accompanied by Anita, Peter, Karen, + justin. The pine is pretty well leafed out and in bloom.

nov. 25 Evening mostly cloudy. morning drizzly, not cold. The 8 traps held 1 Oryzomys adult. Since they were set over the holes and could be entered only from below, the oryzomys must have been using the galleries. It ate dandelion flowers immediately, did not eat cheese.

no recent wild pig damage, no recent horse droppings, little evidence of recent grazing on the bamboo. Fallen limbs in the lenga forest squashed lots of bamboo across the trail.

nov. 26 clear + warm. Collected owl pellets at the cliff at Tehuel Malal.

nov. 27 Partly cloudy. Left at 10 a.m. for Rio Carbono Overo, arrived at our old campsite 12:30. River relatively low. 4 species of Berberis in full bloom. Heavy browsing on bamboo by horses, both near the campsite and upon the hill at our grad. The horse droppings not fresh.

Pearson
1984

Owl pellets from the cliff at Tchuel malal, nov. 26

(1) 2 adult Oryz
(2) 2 yg aulisco
(3) 1 ad aulisco
1 ad abo longi
(4) 1 old Oryz
(5) 1 ad Oryz
(6) 2 ad Oryz
(7) 1 old Oryz
(8) 1 abo longi yg
2 aulisco juv.
2 Oryzomys yg ad
(9) 1 bird
(10) 1 ad Oryzomys
1 yg Reithro
(11) 1 old Reithro
(12) 1 juv. Reithro
(13) 1 old aulisco
(14) 1 abo longi old
(15) 1 ad Oryz
(16) 2 yg aulisco
(17) 1 old Oryz
1 ad aulisco
(18) 2 ad. Oryz
(19) 2 ad. aulisco
(20) 1 ad Oryzo
(21) 1 ad Oryzo
(22) 2 ad Oryzo
(23) 1 ad aulisco
(24) 1 ad aulisco
(25) 1 ad Oryz
1 ad Irenomys
(26) 2 young Reithro
1 juv aulisco
1 ad Oryz

(27) 1 old aulisco
(28) 2 ad Oryzo
(29) 2 ad Oryzo
1 juv. abo longi
(30) 1 old Oryz
(31) 1 yg ad. aulisco
(32) 1 old aulisco
1 ad abo longi
(33) 1 ad Oryz
1 ad Chelemys
(34) 1 ad Reithro
(35) 1 ad Oryz
1 yg ad aulisco
(36) 4 yg ad aulisco 4
(37) 1 old aulisco
2 ad Reithro
(38) 1 ad abo longi
1 yg ad aulisco
(39) 1 ad aulisco
(40) 1 ad oryz
1 yg aulisco
(41) 1 old abo longi
1 juv aulisco
1 juv Irenomys
1 juv. Oryzomys 4
(42) 2 ad. abo longi.
(43) 2 ad abo longi
2 juv. oryz. 4
(44) 1 old aulisco
(45) 1 ad aulisco
1 juv. Oryz
(46) 1 ad aulisco
1 juv abo longi
(47) 1 old abo longi
(48) 1 ad abo longi
1 juv Oryz
(49) 2 yg ad aulisco
(50) 1 old old aulisco
(51) 1 yg ad aulisco

~~Anst~~ ER Pearson
1984

Owl pellets from Tehuel malal (cont.)

(52) 1 old ad Chelemys
(53) 1 juv Irenomys } sic!
1 ad Irenomys 3
(54) 1 ad Irenomys
(55) 1 ad Chelemys
(56) 1 bird
1 Oryz adult
(57) 2 ad Oryz
1 ad aulisco
(58) 1 ad Oryz
(59) 1 ad Oryz
1 ad Abo longi
1 old aulisco
(60) 1 ad Abo longi
1 ad Abolongi
(61) 1 ad Oryz.
1 ad aulisco
(62) 2 Abo longi (1 ad 1 yg)
1 ad aulisco.
(63) 2 juv. aulisco
1 old Abo longi
(64) 1 yg " "
1 juv. aulisco
1 ad Abo longi
(65) 1 juv aulisco
(66) 2 ad Abo longi
2 old aulisco
(67) 1 ad Oryzzo
(68) 2 ad Abo longi
1 juv Rattus
(69) 1 yg Abo longi
1 yg Oryzomys
(70) 1 ad Oryzzo
1 ad Oryz
(71) 1 old Abo longi
1 juv Rattus
(72) 1 old Abo. longi
1 ad aulisco.
1 juv aulisco
(73) 3 ad Abo longi
(74) 1 yg Rattrodon
(75) 1 old Rattus
1 yg aulisco
(76) 2 ad Oryz
1 old Abo longi
(77) 2 ad Oryz
(78) 1 ad Oryz
(79) 1 juv Irenomys
2 ad Oryz
(80) 1 ad Abo. longi
1 ad Rattus
(81) 2 yg ad aulisco
(82) 1 ad aulisco
1 old Abolongi
(83) 1 od aulisco
(84) 1 od Rattus
1 old Oryz
2 Abolongi (1 ad, 1 juv) 14
(85) 3 ad. Oryzo
(86) 1 ad aulisco
1 ad Abo longi
(87) 2 young aulisco
(88) 1 old aulisco
(89) 1 ad aulisco
1 ad Abo longi
(90) 2 ad aulisco
(91) 1 yg ad Rattus
1 ad Abo longi
1 juv Oryz
(92) 1 ad Oryz
1 ad Abo longi
(93) 1 ad Irenomys
(94) 1 ad Oryz
3 juv aulisco (fetus?) 4
(95) 3 Oryz (2 ad + 1 juv)
(96) big bird
(97) 1 old Oryz
(98) 1 ad Oryz
2 ad Abo longi
(99) 3 Oryz (1 old, 1 ad, 1 juv)
(100) 1 Rattus yg
1 Oryz adult
(101) 1 old aulisco
(102) 1 ad Oryz
1 ad Abo longi

Pearson
1984

One Pellets from the cliff at Tehuel malal nov. 26
(cont.)

(103) 1 ad abo longi
1 ad Irenomys

(104) 3 juv aulisco

(105) 1 yg abo longi
1 yg Irenomys

(106) 1 yg ad aulisco

(107) 1 aulisco yong
1 Oryzo ad.

(108) 1 ad Oryzo
1 ad Rattus

(109) 1 ad aulisco

(110) 1 ad Oryzo

Summary of whole pellets

Oryzomys	70
aulisomys	68
abo longi	46
Rattus	17
Irenomys	9
Chelemys	3
Bird	3
	216

PARTIAL PELLETS:

		TOTAL
Oryzomys 𝍸 𝍸 𝍸 𝍸 𝍸 I	= 26	96
aulisomys 𝍸 𝍸 𝍸 𝍸 II	= 22	90
abo longi 𝍸 𝍸 𝍸	= 20	66
Rattus 𝍸 𝍸 II	= 12	29
Irenomys I	= 1	10
Chelemys III	= 3	6
Bird . I	= 1	4
Geopus II	= 2	2
	87	303

at 5 pm I put 10 sage traps baited with apple & sunflower seed along legs of one of my old nets (and found one Sherman with a Geospiza skeleton in it). Nothing in the traps at 7 pm. See bamboo species account.

nov. 28. Fog mostly cloudy. My traps with 2 adult alvo longi. Relased them. Anita caught 1 ad. alvo longi during the day.

measured a bamboo clump in the morning. Then drove to Troncador. Scattered showers; summit never clear. Back to camp at 3:30. Photos of bamboo and measured leaves of bamboo. almost all the bamboo on the south side of the Castaño Over has small leaves, even if the canes are tall. Pretty fuchsia forest on the hill above the south end of the bridge we found one clump of tall canes with lower nuds longer and wider than the others. Branches nuds longer also. Saw a night heron along the stream yesterday.

nov. 29 morning cloudy - drizzly. My 11 traps held 4 big adult alvo longi and 1 big Aulisicomys. Anita's 5 were empty.

Started raining more seriously about noon, so broke camp, drove to Ventiquero negro and waited 'til one-way traffic at 3. A little snow mixed with heavy rain. Home 5:30 p.m.

Dec. 1 Scattered clouds, cold, windy. measured bamboo at Glaciar Glaciar. Lots of new shoots. Tall shoots grow faster than when they were short.

Dec. 2 Scattered clouds, cool, windy. at 10 went to Estancia Perito Moreno and hiked up to the condor cliff. Saw a pair of

aguilachos there, and black vultures, and condors. There guys with a gun were shooting at the condors flying overhead. We were trapped several hours at the lake by a road race; dozens of cars parked at the lake to watch.

Dec 3 Bariloche - Partly cloudy, windy. Drove up to Refugio ranger and walked up to the first lake. Lots of snow banks beginning at the level of the Refugio, a few lga-like oodles of earth cover, open ditch runways, and churned up earth along logs + under leaning trees. It must have been a great winter for mice under the snow.

My photoed amaicay patch is still full of amaicay shoots, no earth cover, a branch fallen on it. Lots of other fallen trees and branches. Numerous piles of stacked firewood along the road. Road poor; saw nobody. Zerga blossoms on snow.

Peter + Karen climbed up toward Cerro Blanco and on the open slope saw teco-like diggings or burrows.

Anita set 3 cage traps at 11:30, baited with apples and rolled oats, in a big wood pile at the end of the road where we park our car. Pure zerga, open floor forest. At 3:30 there were 3 chelemys. Skiers had tied ribbons in the trees; snow must have been 8 feet or more deep.

Dec 5 At 5 pm drove out to the Lampa de Huemules and hunted for Xenothrodon holes. Daisies just beginning to bloom, dandelions done. Found lots of Xenothrodon holes but very few droppings. Set 8 Xenothrodon traps and 15 cage traps.

Partly cloudy, no wind.

Dec. 6 Lampa de Huemules. Ran trapr at 10 pm, 12 pm, and 6:30 a.m. none touched. packlighted for about ½ mile at midnight, saw nothing. night mostly clear, moon almost full, touch of frost.

Day sunny, little wind. Between 4 and 6 pm put traps across flank of Cerro Leones and along bottom of the cliff. Put 10 cagetraps, 38 big Sherman + oats, and 38 MS + corn meal; ¾s of them along the cliff, the rest across the "steppe". Vegetation includes barbairs, flowery polo pichi, and flowering Calceolaria. Calceolaria in flower. Anita put 95 Shermans and 34 MS across the lower slopes.

Looked for owl pellets but found no new ones and saw no owls. Vultures over the big farm. Vegetation on the slopes of Cerro Leones quite green + lush.

Dec 7 Day cool, clear. Pulled up traps at 8 a.m. about 20 traps had been stolen from my line and from Anita's, so her line ended up with 28 MS and 28 Shermans, my line with 7 cages, 33 Shermans and 34 MS. My line held 1 dead Phyllotis (MS) and 4 live Phyllotis (Shermans), one of them a juvenile of about 25 g. Anita's line held 2 live Abrothrix and 4 dead + The Phyllotis was a 50-g breed. ♂.

Asked about traps at nearby houses and at a school near the RR station (Viviba?).

Revisited our banded clumps on Cerro Otto. New shoots just emerging, yearling shoots beginning to leaf out. One tree

measured clumps are very dense (culms closely spaced), the culms quite fat.

Drove to Soyo Masaredi 7 to 8:30 pm for photo, but cloudy in wrong places.

Dec 8 Barlocho. Cool, windy, clear. At 2 pm flew over Soyo Trapal in a small Cessna and took photos to compare vegetation. Very windy + bumpy. Was too busy taking photos to make a vegetation comparison, but did notice that some patches of lenya high were almost identical with photo 40 yrs ago. Blooming Colletia was quite conspicuous.

Visited Hilda Rumball at 4:30; dinner with Gallopins'

Dec 9 To Comallo with Adrian at noon. Set 64 Sherman on each of his 3 grids: Campo Fistulados, Yanquinni, y Puesto Blanco. 8×8 grids, 10-meter spacing. Stellinja on the heavily-grazed yanquinni but not on the other two, and put 10 Sherman and 30 MS in similar habitat, and homes down in a mallin where put 30 MS and 1 steel trap.

Then drove to the canyon behind Raccoin's house with Navarro ranch and camped. Also put 30 MS in bushy steppe (lush) and 2 steel traps. Put 15 cage traps baited with

Canned tuna near boulder and cliffs in the quebrada (Guayquil, cola de pedir, big bunker) and Adrian put 16 Shermans nearby.

Before dark Anita had caught one microtus in a steel trap and 1 also pantho. Evening calm

Dec 10 Morning overcast, my cage traps in the canyon held one adult Phyllotis (released) and one also. Longi. Adrian's 16 Shermans held 2 also. longi and 1 old Phyllotis. Anita's traps around camp held 1 adult Reithro (steel trap in bushy slope near the quinua (big of yesterday) 3 Phyllotis, 5 also longi, and also pantho. [Total catch to 4:20 8 pantho, 1 Reithro, 1 Elong, 1 microcavio]

Then we drove to Adrian's three grids: no traps touched except one by horses. Saw a big brown caterpillar on Stillingia. Probably a vicuña in the canyon. And a pair of peregrine-like hawks in the canyon.

When the Stillingia is burned, it root-sprouts and produces quite large leaves. Some Stillingia plants are bearing new blossoms as well as full-sized (but green) fruits. Perhaps it takes 2 years to mature the seeds. The green fruits were slightly picante.

At 4 checked the 3 grids: nothing. Saw the rugose Geoc beetle eating a small white 5-petaled flower. Also a skunk on one of the grids. Mr Navarro, owner of our campsite, says there are lots of red foxes, not many grey. Didn't seem to know of any marsupials.

At 7:30 rebaited my 14 cage traps with apple. Anita

put 31 MS and 8 steel traps upin the quebrada among boulders and lots of duraznillo, cola de pichi, etc. She also has 4 steel traps and 13 MS around camp. I have near camp 2 steel traps and 2 Sherman (in the middle of big 6-foot-diam. cola de pichi clumps where it looks like the guina pigs and Reithro are active.

Dec. 11 Night mostly overcast, and morning. My traps had nothing. Anita's around camp nothing; upin the quebrada she caught 1 Phyllotis, 2 Akodon longipilis, and 1 Akodon puntha. Adrian caught 3 Akodon longipilis in the quebrada. Broke camp and went to the 3 grids: nothing, near the meadow Anita caught one more baby tuco and an Akodon puntha. Everything seems to be breeding.

The locality called Punta Blanco is the mallin south of the corner of INTA's Campo de las Vistadoras and yanquincul.

Summary: The steppe unexpectedly green and full of flowers. Even the "heavily grazed" yanquincul property contains bunchgrasses with seed heads. But maybe the severe winter killed off most of the sheep. Horses are still present. Saw no rhea and everybody says they died. Saw one rhea carcass. It is uncanny to run the 3 grids for 2 nights (= 64 x 3 x 2 = 384 trap nights) and have not a trap touched (except a few rolled over by wind and horses). In the much lusher area on the Comallo grids, the denseness of the bushes may have sheltered considerable area from the snow + ice. But we still have not caught a single Eligmodontia or

Harbord owl pellets from 10 km Corvallis collected Dec 10, 1984, from a site not collected earlier.

(1) 3 Eliqmo
1 abo fontho (old)
(2) 1 juv Rectiro
1 ad Eliqmo
(3) 1 yg Rectiro
1 yg Phyllotis
(4) 1 ad Eliqmo
1 Ctenomys
(5) 1 abo. longi.
(6) 2 Eliqmo
(7) 1 Eliqmo
1 ad abo. fontho
(8) 2 old Eliqmo
(9) 1 marsupial
(10) 1 microtis
(11) 1 Eumomys
(12) 1 Ctenomys
(13) 1 Ctenomys
1 old Eliqmo
(14) 1 Ctenomys
1 juv Rectiro
(15) 1 Ctenomys
(16) 1 abo fontho
17 1 Ctenomys
(18) 1 ad. Rectiro
(19) 1 yg Rectiro
1 old Eliqmo
(20) 1 ad abo fontho
(21) 1 ad Rectiro
(22) 1 Ctenomys
(23) 1 ad Phyllotis
24 1 bird
(25) 1 bird
1 bird
(26) 1 Ctenomys
1 Eliqmo
(27) 1 Ctenomys
(28) 1 yg Phyllotis
(29) 1 Bird
2 Eliqmo
1 Rectiro
(30) 1 abo longi
1 abo fontho
(31) 1 abo fontho
1 Rectiro

* more or less intact pellets 1

		above pellets	scraps	Total
Eliqmo	𝍸 𝍸 𝍸	15	𝍷 ||	22
abo fontho	𝍸 |	6	|	7
Rectiro	𝍸 |||	8	𝍷	13
Phyllotis	|||	3	|||	6
Ctenomys	𝍸 ||||	9	𝍸 ||||	18
abo longi	||	2	||||	6
Sestomarsupial	|	1	||| Sesto	4
microtis	|	1	||	3
Eumomys	|	1	|	2
Bird	||||	4	-	4
		52		85

Water across both upper incisors of Ctenomys: 2.96, 2.73, 3.04, 2.65, 2.73, 2.58, 3.10, 2.52, 2.72,

note absence of Eumomys, Ctenomys elsewhere, Eremys, Sciuricomys. Some of the pellets with a bird also contained numerous Eliqmodontia. From the age composition, the pellets were probably deposited in Dec - Jan a year ago.

Pearson
1984

Pellets collected by adrian monjeau at
10 km WSW Comallo, Rio negro ["Comallo Rocks"]

August, 1984:

(1) 1 old Eumeces crassus

(2) 2 adult Eligmo
1 bird

(3) 1 juv. Reithro

(4) 1 ad Reithro
1 old Eumeces (2 mandibles)

Late September, 1984

(1) 3 Eligmo (all adult)

(2) 1 Phyllotis
1 ad Eligmo
1 also pantho

(3) 4 ad Eligmo,

(4) 3 ad Eligmo

(5) 2 ad Eligmo

(6) 1 ad Eligmo

(7) 1 Eumeces

Eumeces	2
Eligmo	23
Reithro	2
Phyllotis	1
Tumeces	1
pantho	3
bird	1
	33

1st week of November, 1984

(1) 3 ad Eligmo
1 ad also pantho.

(2) 4 ad. Eligmo
1 ad. also pantho

on this trip (Oct. 31 to present).

Home 2:30 after stopping at Cerro Fresco to inquire about stolen traps.

Dec 12 Cool, scattered cirrus, windy. To Hac Flor in morning with Isabel Gallopin + AKP to measure Lantana. Many or most new shoots are now parasitized. Maybe the synchronous/cyclic flowering is a strategy to beat the parasite?

Dec 13 To Cerro Fresco at sunrise for recorditos, stoppe photos and to look for missing traps at the school. no traps. The south base of Cerro Fresco was a sea of red-flower Polygonum. Bunch
Sets of Calceolaria flowering, Senecio not yet, Palo Verde in full bloom.

Day sunny, most of day with grosbeaks, then to Javier Bellati's home with Andrachne Colorado Beans, flour, countertops. Adrian says the stoppe was under snow continuously for 3 months. Daniel Gordon says there is now a notable scarcity of aquatic birds at Estacion Punta Morena and other birds in general such as pacific eagles and Cotterneas. Those aquatic birds with nests laid very few eggs. The juncos (tules) are almost wiped out. But he saw a horned owl. Even in October there were temperatures (in Bariloche) down to -6°C.

Dec. 14 Clear.

O.P. Pearson
1984 (fall)

Species Accounts

Argentina

Pearson
1984

alcedon longipilus

nov. 7. Estacion Perito moreno.

♀ 168×68×22×15 45 g. Ovaries huge, large pink CL. no green Factating, ut. scars. in stomach

♀ 167×64×22×15 36 g. Ovaries huge, white foam + pink CL Factating. Ut. just gave births.

♂ 165×66×22½×14½ 42 g. testes 10, sv 19. ~~stomach~~ earth mites? no green

nov. 11 Estacion Perito moreno – caught 5, (72 trap), all in thermacy all adult males.

Dec, 11 a female from Perito moreno kept capture since nov. 7 to test delayed implantation did not give birth and when sacrificed Dec. 11 had no fetuses and no large pink corpora lutea. Uterus was pink, 3 mm diam., vagina large + tough. Ovaries, uterus, + other viscera surrounded by fat.

Pearson
1984

Alsodon pontoriensis

RIO NEGRO

Cerro Scorer, Dec. 7, 1984:

84-200 Also. pontor. ♀ 117×46×19×13 12½g. Vagina open ant. vt 1.8 mm no pink CL

84-201 " " ♀ 147×56×20×14 16½g Vag. not open. Sect. vt scars

202 " " ♀ 151×56×20×14 34.5g Vag closed, mfp large, 8 plates 10mm CR ≥ 4.0g. stom gravel+blood stomach 3.5g.

203 " " ♂ 115×46·14·13 9.0g. test 6, SV 4.

204 " " ♂ 114×45×18½×13 8.7g. test 6, SV 4

205 " " ♂ 127×50×20×14 17½g test 11, SV 4

Audiscomys microps

Nov. 25. Captive from Sa Veronda camp into. ate dandelion flowers immediately, in preference to sunflower seeds, oats, + alfalfa pellets. Sliced apple. Bit head off a white clover flower, ate the flowers, then ate the stem end-on. Was not immediately attracted to green grass-seed-heads of 3 kinds

Pearson
1984

Bambco

Nov. 12 Have been puttering with measurements of clumps of bambco on Cerro Otto and Sloo-Sloo Peninsula;

Cerro Otto culms taper more rapidly than Sloo Sloo.
no correlation between max. diam. and length of culm
no correlation between max. diam. and number of internodes.
Poor correlation between diam. at 1 m, " " " " "
measured volumes of culms by summing volumes of internodes (using length of internods + diam.). For 5 culms from each place, the "critical Diameter" (= diameter which when ~~multiplied by~~ used as the diameter of cylinders of the length of the culm gave the corrct volume for that culm) the critical Diameter occurred at the following internodes:

18th, 17, 17, 15, 17, 16, 19, 18, 15, 17,

Poor correlation between max Diam. of culm and volume.
Fair " " Length " " " "
Good " " Diam. at 17th internode " "
Poor " " " " $\frac{1}{2}$ m " "
Good " " " " 1 m " "
Good " " " " 2 m " "

For Diam. at 1 meter above ground:

Volume of Culm in cm^3 = 90 × (Diam. of Culm in mm) − 944.

Density of 3 culms (large ones) from Sloo Sloo were 1.276, 1.171, 1.131 (= heavier than water). Fresh canes without leaves weighed with Pesola, and volume from summed internodes. Leaves not included.

	Culm	leaves	Total	
Two culms + leaves	538 g	133	671	20% leaves
	830	139	969	14% leaves

leaf wt. includes "twigs"

Pearson
1984

Bamboo (cont.)

nov. 23. a handful of fresh leaves + twigs from Cerro Otto on 11/14 weighed 33.0 g and air dried to 19.0 g on 11/20 and 11/23
∴ dry wt. = 57.6%

Weights of 6 pieces of 2 culms from Cerro Otto 11/14

#	Diam 15.8	Fresh 11/14	11/24	12/04	12/12	12/14
1	~~15.8~~	40 g	25 g	20.0	18.5	17.5
2	15.3	32	24	21.5	21.5	20.5
3	19.5	57	35	28.5	26.0	25.0
4	18.4	52	32	26.0	24.0	23.0
5	17.5	36	25.5	23.5	22.5	22.5
6	18.5	50	37	~~3~~3.5	32.5	32.0
		267				

nov 27 Rio Castaño Overo. We hiked up the hill past our grid and considerably beyond. Saw about 6 small clumps of bamboo that had flowered last year. Two clumps contained culms with dead flower heads from last year ~~and~~ as well as fresh new emerging flower heads on the same culm. So much for the drop dead theory. These were the big-leafed variety, but not as thick at the base as some of the other places yearling culms were producing flower heads.

Along the road to Pampa Linda from the campsite at the river (Castaño Overo), just south of the corduroy swamp section, we found four clumps of flowering bamboo within 20 yds; 2 clumps adjacent and only about 3 or 4 yards apart! Drifting with dark lavender seed heads and conspicuous fragrant stamens;

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1984

69

Nov. 21, ~~1985~~. Dead clump at the Corrs, Puerto Blest.
Compare with photos in earlier years
1984

Pearson
1984

Nov. 21, ~~1955~~. Carreo, Puerto Blest
1984

Pearson
1984

21

nov. 21, ~~1985~~ 1984 Blooming clump at the campground, Puerto Blest

Pearson
1984

72

measured Bamboo clump at La Veranda. nov. 25, ~~1985~~
1984

Bambusa (cont)

bursting out of old culms, yearling culms, short culms only 2 ft. tall etc. * noticed only 2 or 3 plants with new shoots.

* There are small-leafed plants
more of them flowering specimens,

Leaflets of the big-leafed bamboo: 150 x 13, 138 x 13, 120 x 12

Pearson
1984

Reithrodon auritus

nov. 11. Estacion Punta Norte (2 km E). Caught 3 juv. Reithro last night in the lush green grass + Berberis between the fence (Estancia La Tropa) and the RR; 1 caught by hand at 8 pm (broad daylight) trying to enter the hole where I was setting a trap; one at 10 pm emerging from a hole where I had set two cage traps (I marked it with flashlight and pushed him into one of the traps) a juvenile; and another juvenile in an open-floor trap between 10:30 pm and 1 a.m. night clear, calm & frosty.

Ear-tagged the 2nd one (#471?), dusted it with fluorescent powder, and with UV light watched it hop slowly about 2 m through the grass. Left him for 20 min and when I returned he had gone another m. and was still restless and tranquil. At 1 a.m. he had gone another 2 m and the trail ended in a small clump of dried Senecio stalks with a good hole about ½ m away. In the morning examined about 8 m of this tunnel, but found no mouse, no nest.

Excavated 3 other burrows, about 3-4 m each, found one nest (grass), no mouse.

As captives, the 2 juveniles ~~ate~~ were tranquil, ate only green grass seed heads and maybe flowering Polygonum, not apple or oats. When put together they immediately snuggled and went to sleep for the first time. Slept until after dark.

nov. 12 Overnight ate enormous quantity of green grass blades, seed heads, maybe culms, cooked carrot, sampled a pickled olive ↓ They left culms and green seed heads.

In 24 hours in captivity the two of them produced 483 droppings =

Pearson
1984

Reithrodon (cont.)

1 dropping per mouse ~~per~~ every 6 minutes. They also ate some clover and a dandelion head. Air-dried for 24 hrs. the droppings weighed 4.8 g. Volume 30 cc. -confirmed day 2

nov. 13 at 9 a.m. each of the 2 caged animals weighed 25 g. ate dandelion, not uncooked carrot. Produced 788 droppings which weighed (dry) 8.3 g. = 52 c.c. volume. ~~They ate g of green grass, clover, & dandelion greens~~ (

4.8 g. of air-dried droppings when soaked in water for 3 hours (smelled like fresh-cut grass) and surface-dried by rolling on newspaper weighed 18.7 g = 3.9 X

nov. 14 2 captives produced 899 pellets (green grass, clover, + dandelion; mostly grass) in 24 hours. They ate 62.3 g. of greens (corrected for drying out by using a control cage); more than their own weight! The 899 fecal pellets when dried weighed 9.1 g; x 3.9 = 35.5 g fresh. Volume 58 cc (dry, in 25 cc graduate)

At dusk put Saanor Edam cheese, prune, and dulce de membrillo into their cage (+ greens). One of the mice immediately ate cheese. also butter, not eaten right away.

nov. 15 Rt hyp. is a 5 and weighed 29 g. Rt shoulder a 9 weighed 29 g. ate no prune, no dulce de membrillo, most of cheese, butter maybe. Fresh green grass (141 g) when dried for 3 days weighed 35 g.

nov. 16 newspaper on floor of cage soaked up 5 g of urine. ate no meneo. The two mice ate 62.3 g of fresh green grass, clover,

and dandelion (covered for evaporation by a control cage with grass in it). Thus represents $62.3\,g \times \frac{35}{141}$ = 15.46 g of dry grass. They produced 9.1 g of dry pellets or 35.5 g of moist pellets. Hence, they eat their weight in green grass everyday and defecate half their weight per day in moist fecal pellets, Or, eat 1/4th their wt. per day dry grass and defecate 1/8th.

nov 17 Overnight in addition to grass they ate apple & cheese, little if any corn meal mush, Did not eat dumap leaf.

nov. 18 Hip♂ weighed 34 g, S♀ 31 g. at 9:55 a.m. marked them on fur with fluorescent powder to see if it would come through in droppings. Could detect none, even 24 hrs later.

nov. 21 Catches ate sunflower seeds, and bamboo shoots, and apple.

nov. 25 Shoulder♀ weighed 40 g, Hip♂ weighed 39 g.

Dec 4 Shoulder♀ " 48.5 g; hip♂ weighed 50.5 g.

Pearson
1984

Chelemys

Dec 3 Refugio near mayer. 3 cage traps at a woodpile in pure larga conifer 2 big and 1 small Chelemys between 11:30 a.m. and 3:30 p.m., by auto. Baited with apple + added oats. They had eaten all the apple. They ate more apple immediately (in preference to amaranth rhizome). Later in cages they ate rolled oats. Up near the first lake was a beautiful long earth core 12 m long - and then it disappeared into a snowbank. The small Chelemys was an immature ♂ 35 g, surely born under the snow.

Dec 4 Caged adults have a Concord-grape, fruity odor. Overnight they ate apple but not amaranth rhizomes.

Pearson
1984

Oecomys bicolor

Oct. 30. The matadero on Pampa Huemules, 5 km SW Bariloche. Looked for Reithrodon here, cold cloudy. Lots of Reithrodon holes, no droppings. a few places, especially around roots of ~~xxx~~ Rosa moyueta and retamo, with tons droppings, but nowhere any perk excavations. a couple of places with deep clear runways maybe 6 ft long, probably made under snow. no earth cores. One place with a few piles of tons droppings all by themselves on undisturbed turf (made under snow?). Heard no tones but caught 2 in the first Rows (7 p.m), no more overnight. One of them a 125-g ♀ early pregnant, more like. The other a big ♂ 7217.